

Fig. 1A

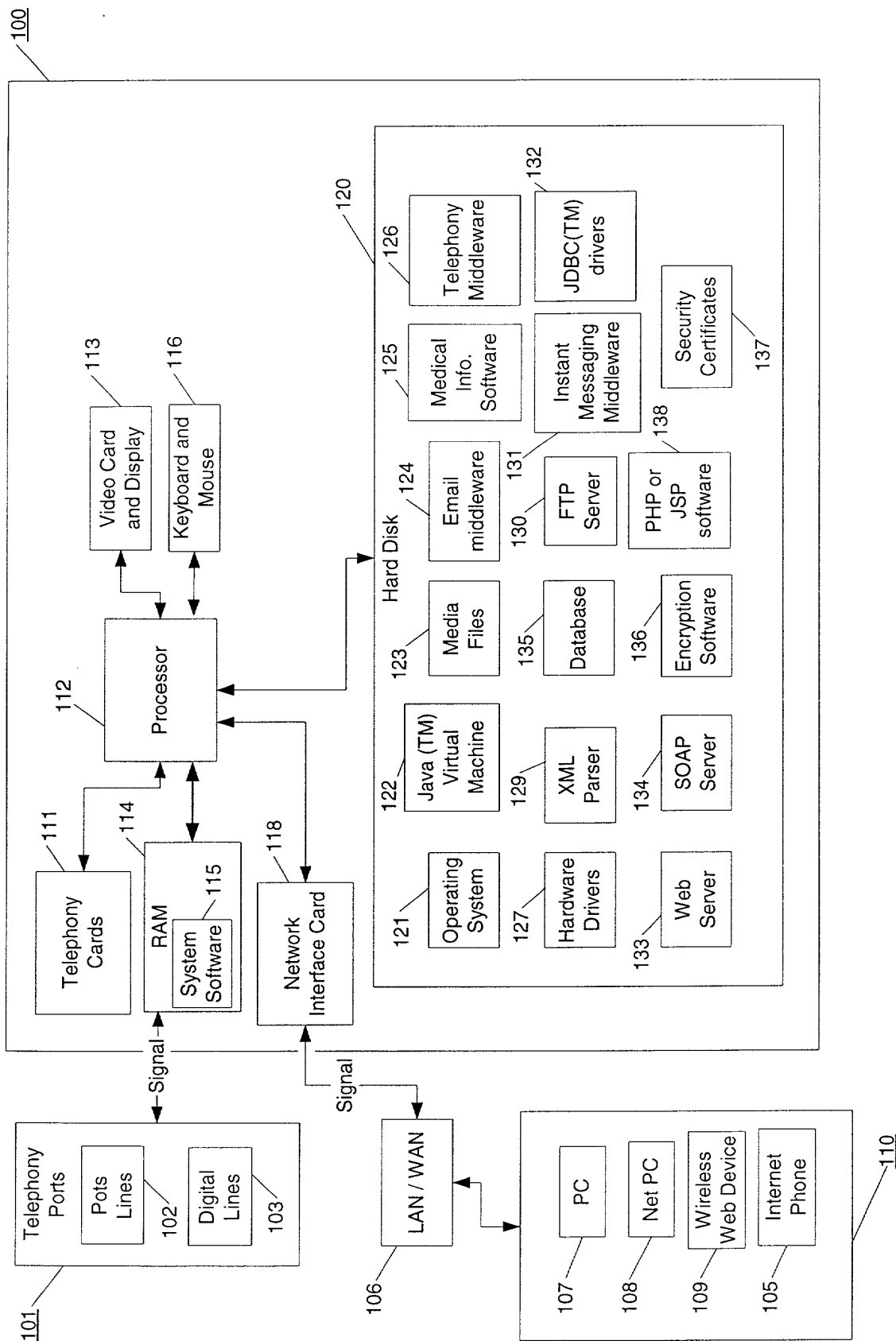
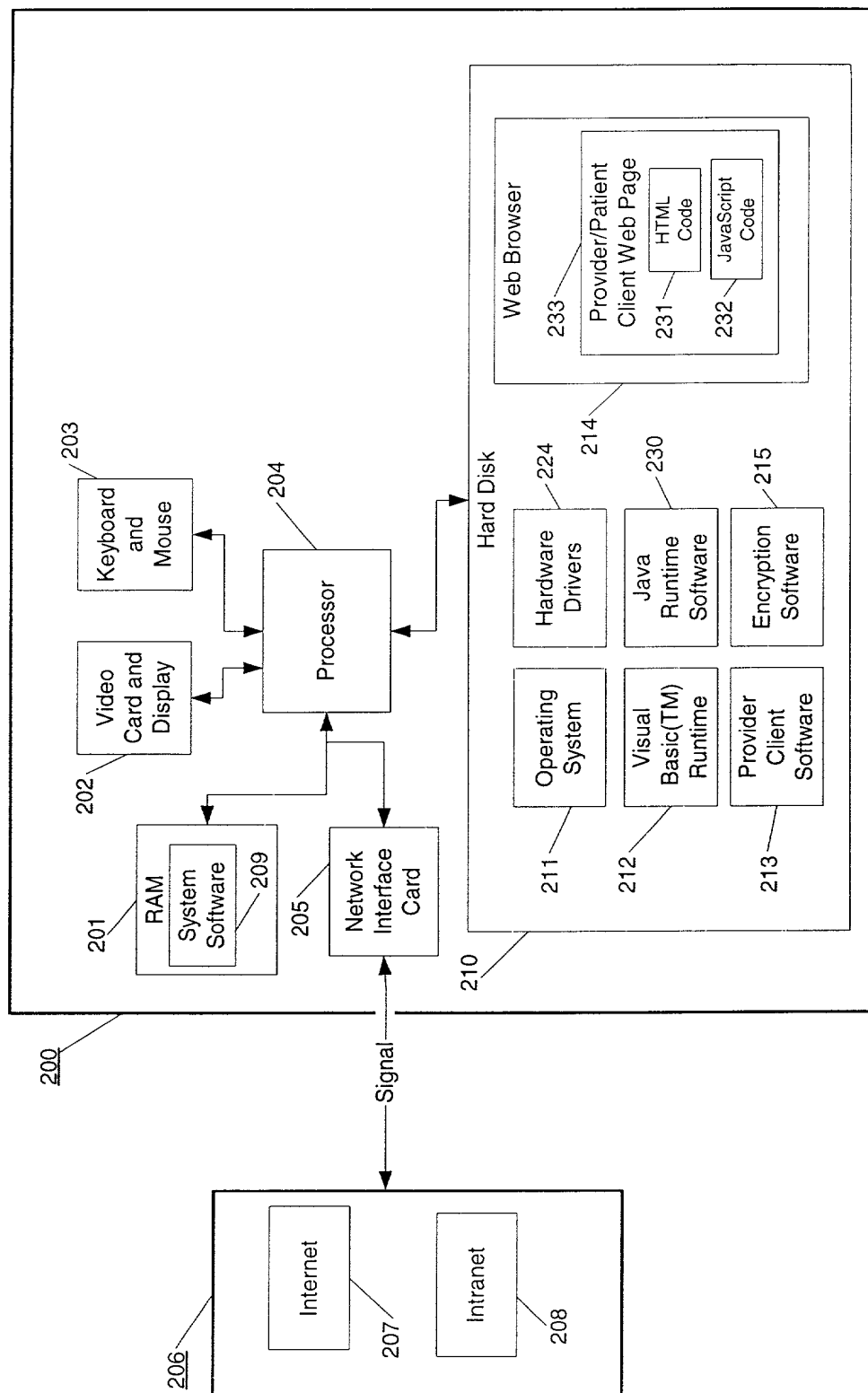


Figure 1B



200

Figure 2

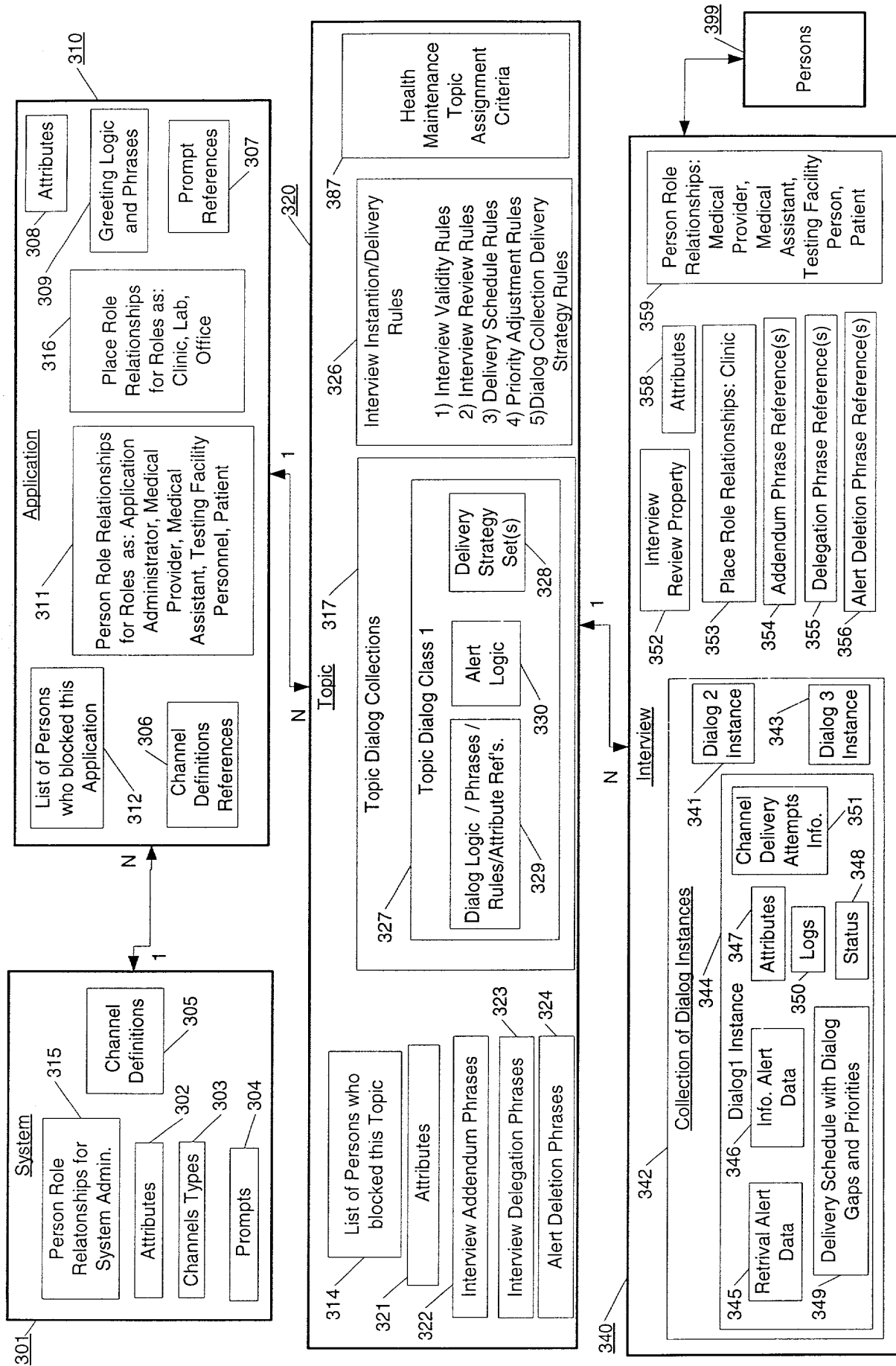


Figure 3A

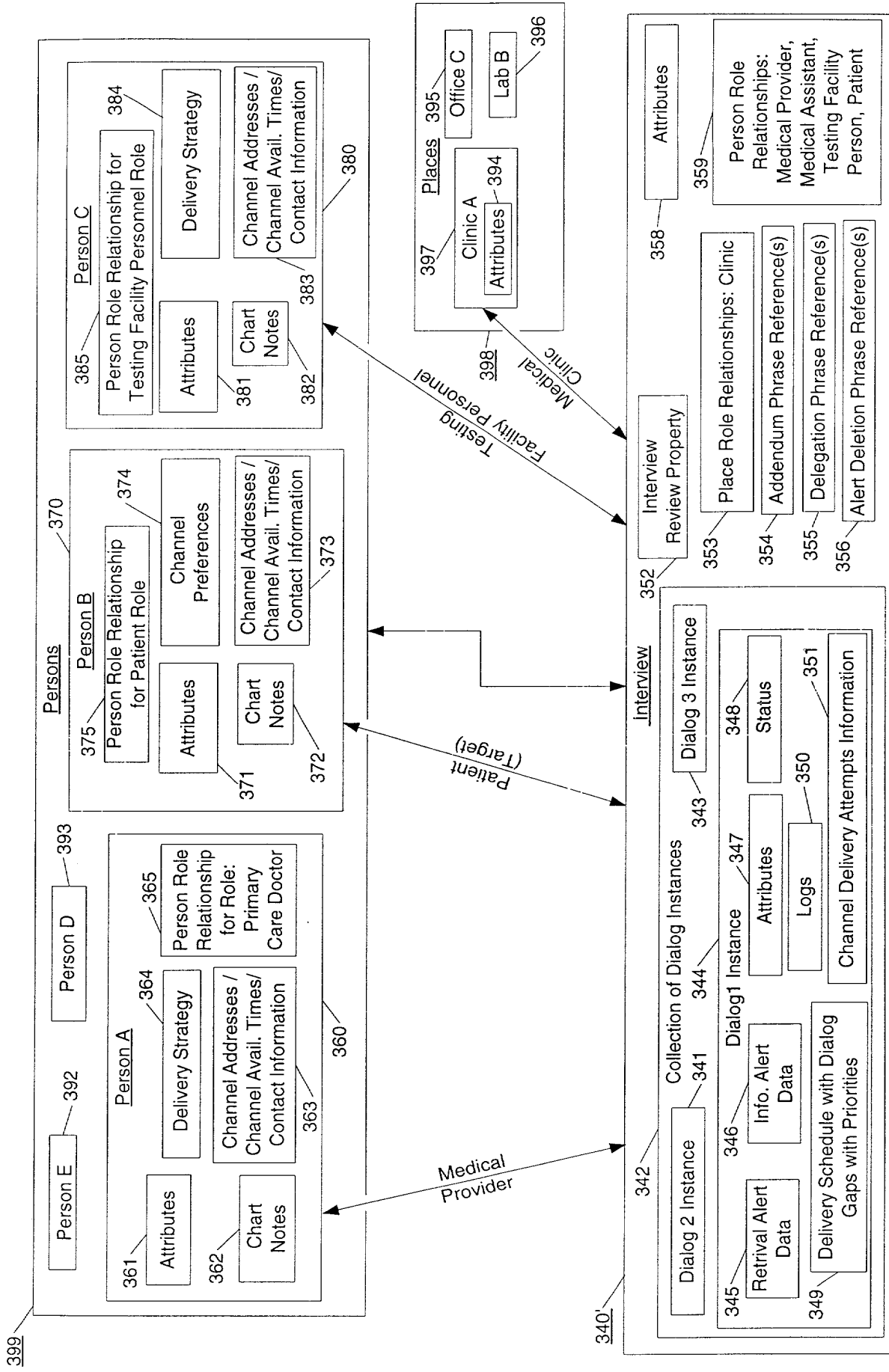


Figure 3B

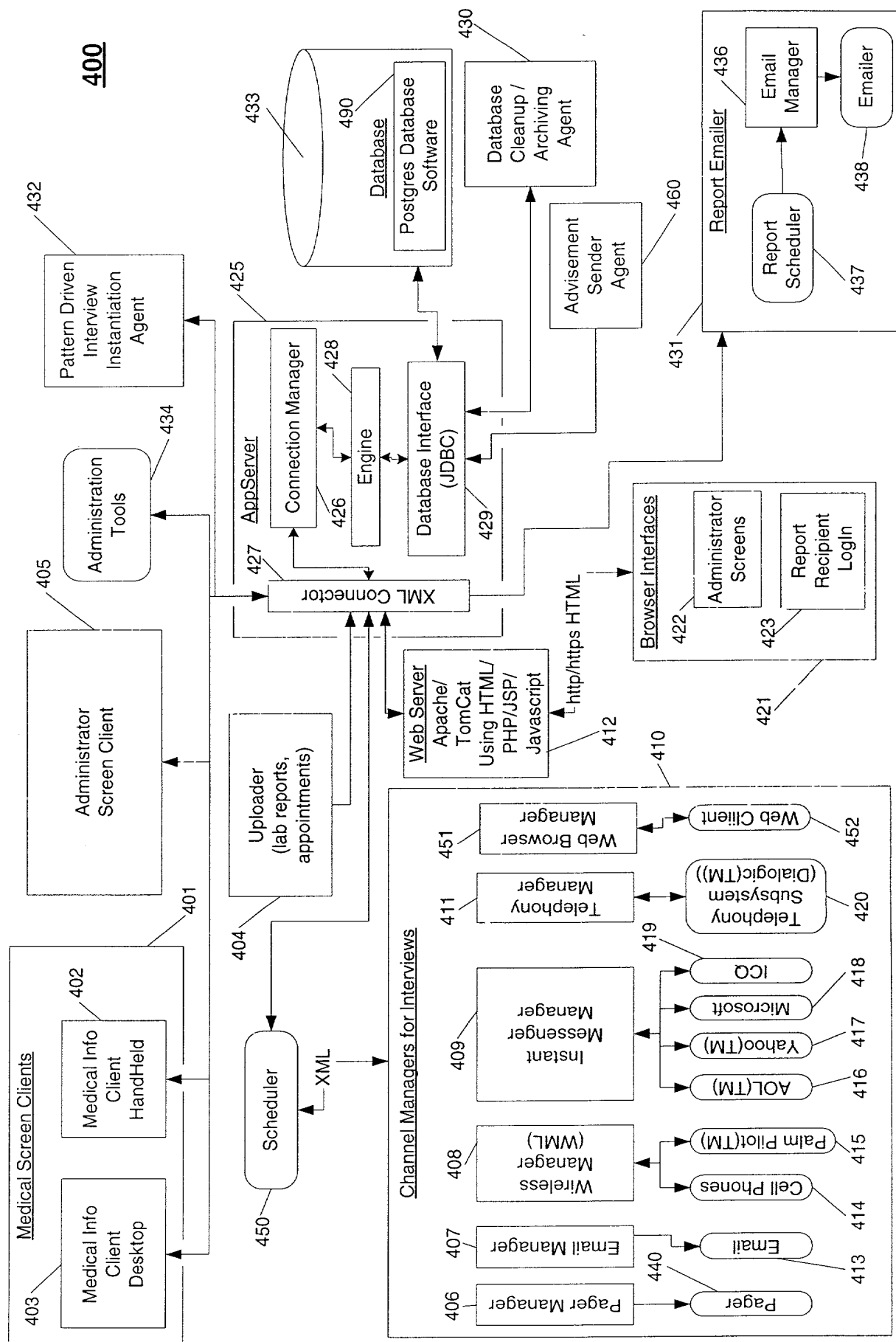


Figure 4

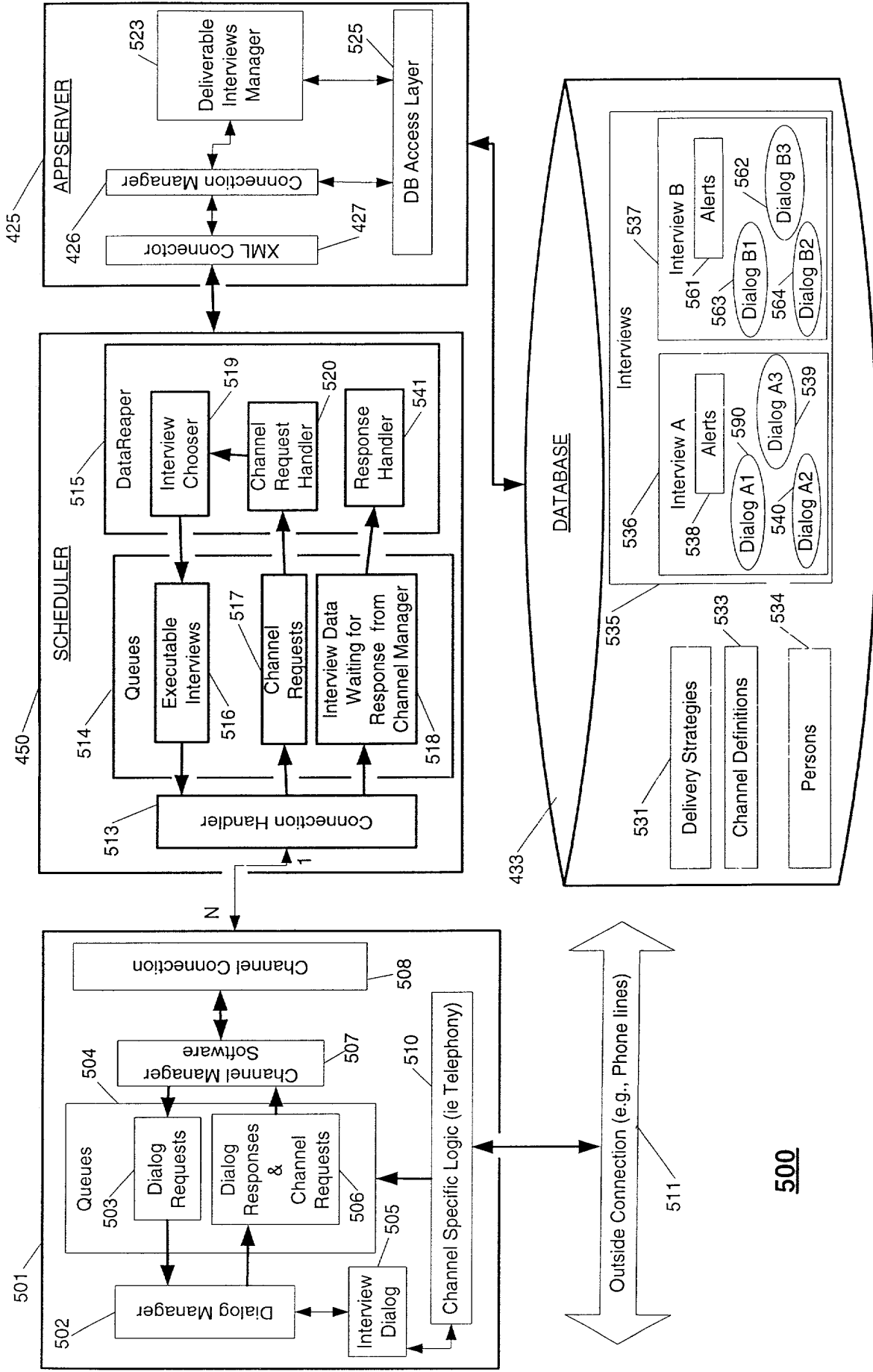
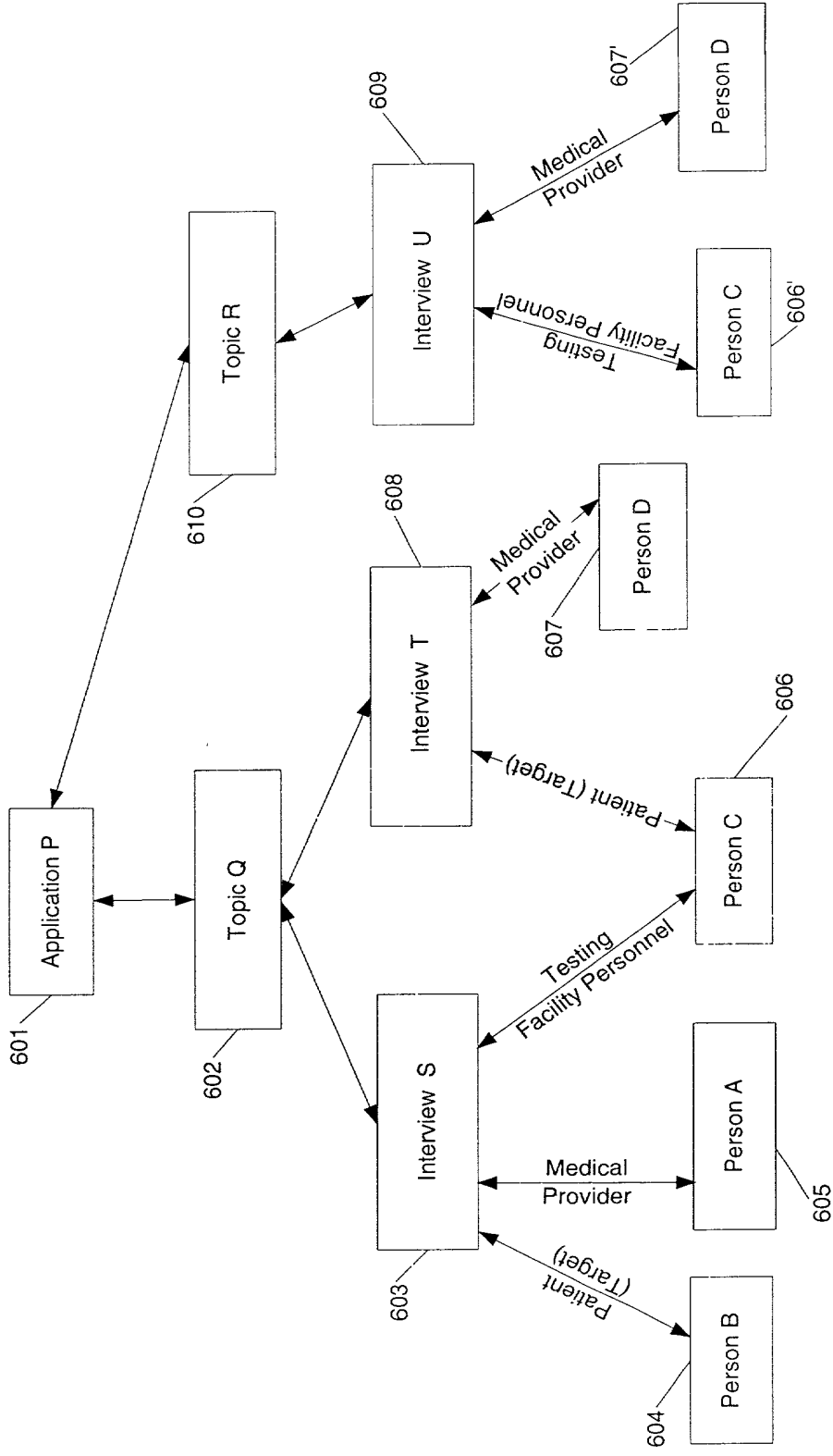


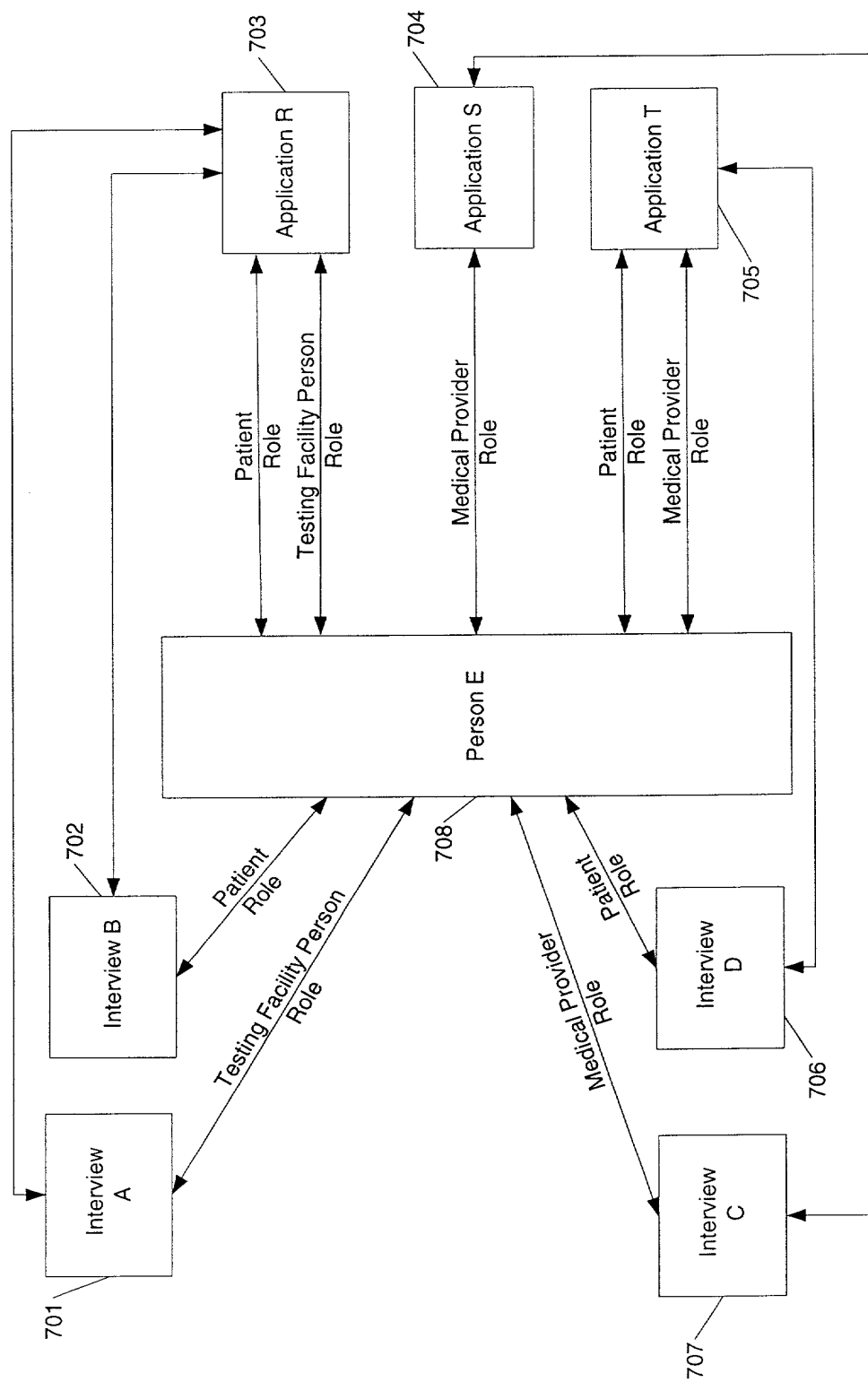
Figure 5



600

Figure 6





700

Figure 7

801

Medical Provider Login

Automated Messaging Platform  
Login

[802] Application Name

Login Name [803]

Password [804]

[805] Login

Warning: For official use only. Any unauthorized use will be investigated.

800

Figure 8A

811

Provider Login

Application Name

Login Name

Password

Login Acct Name

Login

[816]

[812]

[813]

[814]

[815]

Warning: For official use only. Any unauthorized use will be investigated.

810

Figure 8B

901

MA Login

Application Name

[ 903 ]

Login Name

[ 904 ]

Password

[ 905 ]

Login Acct Name

[ 906 ]

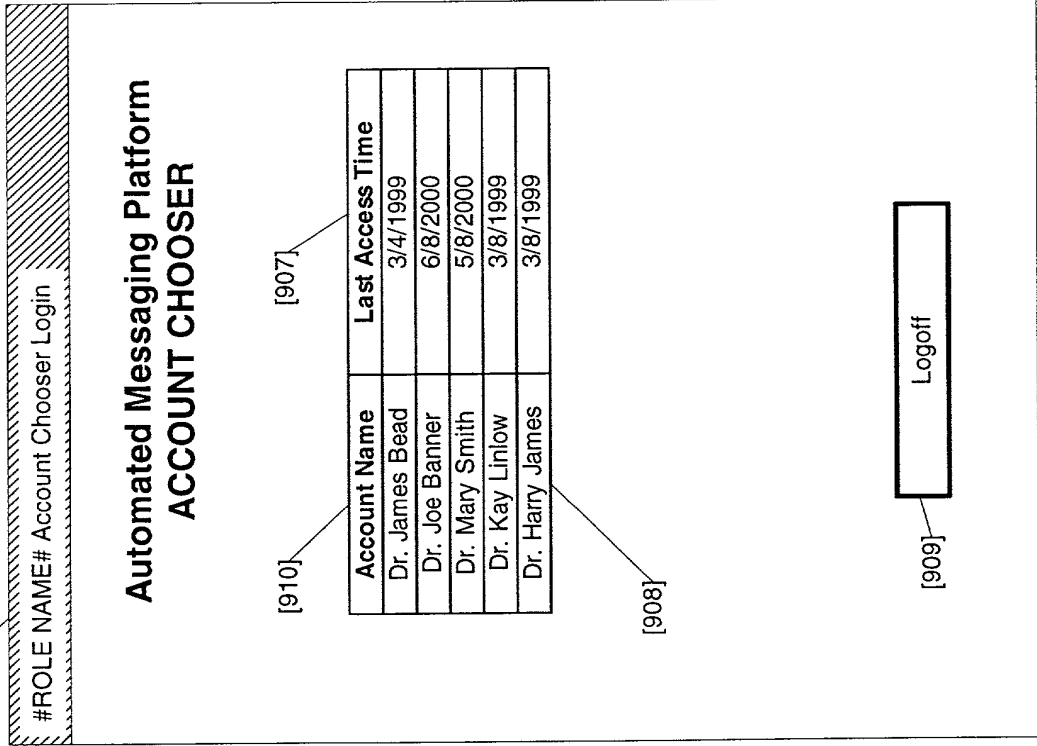
Login

Warning: For official use only. Any unauthorized use will be investigated.

900

Figure 9A

911



912

Figure 9B

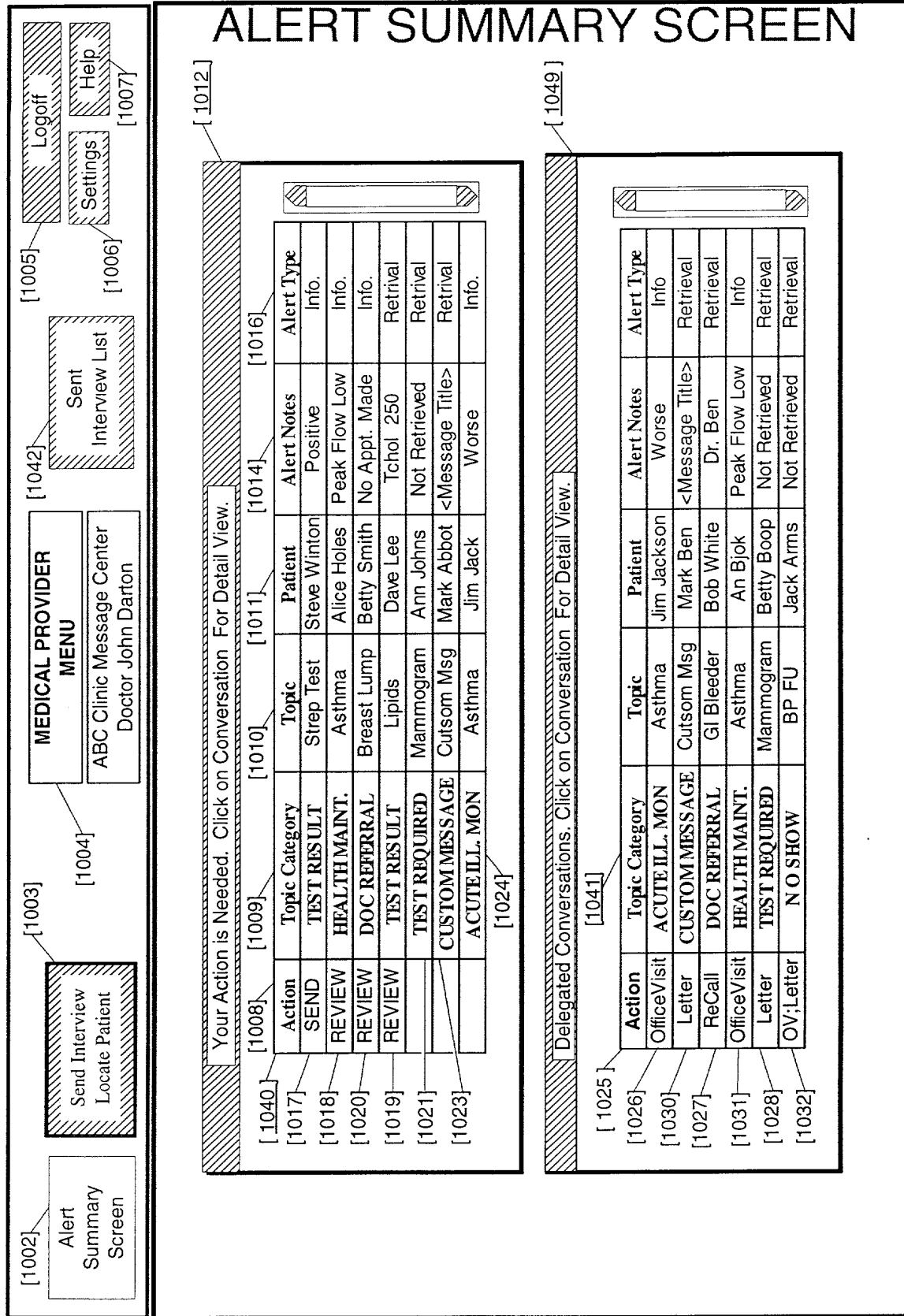
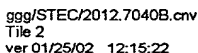
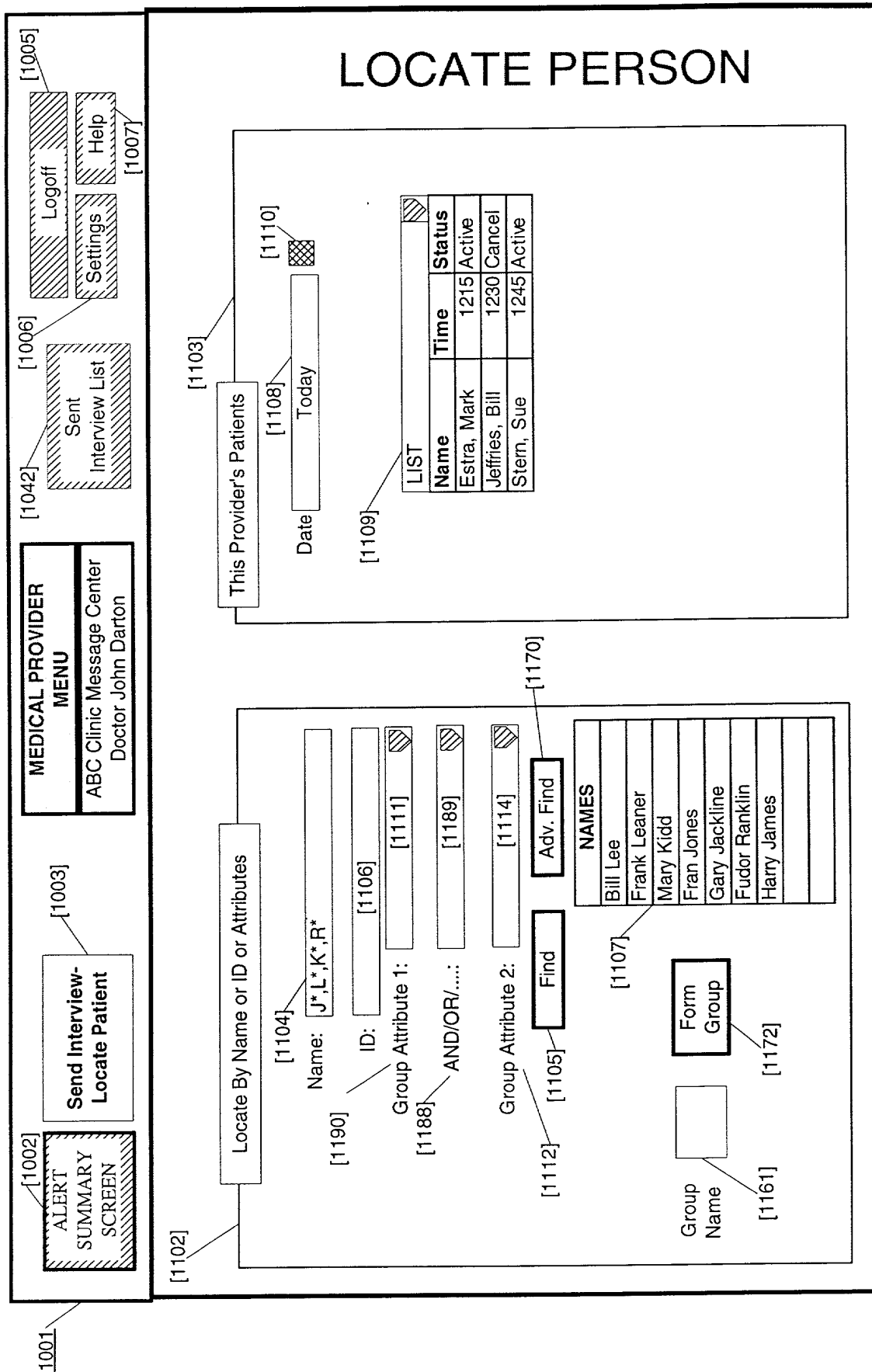


Figure 10A 1000





1100

Figure 11



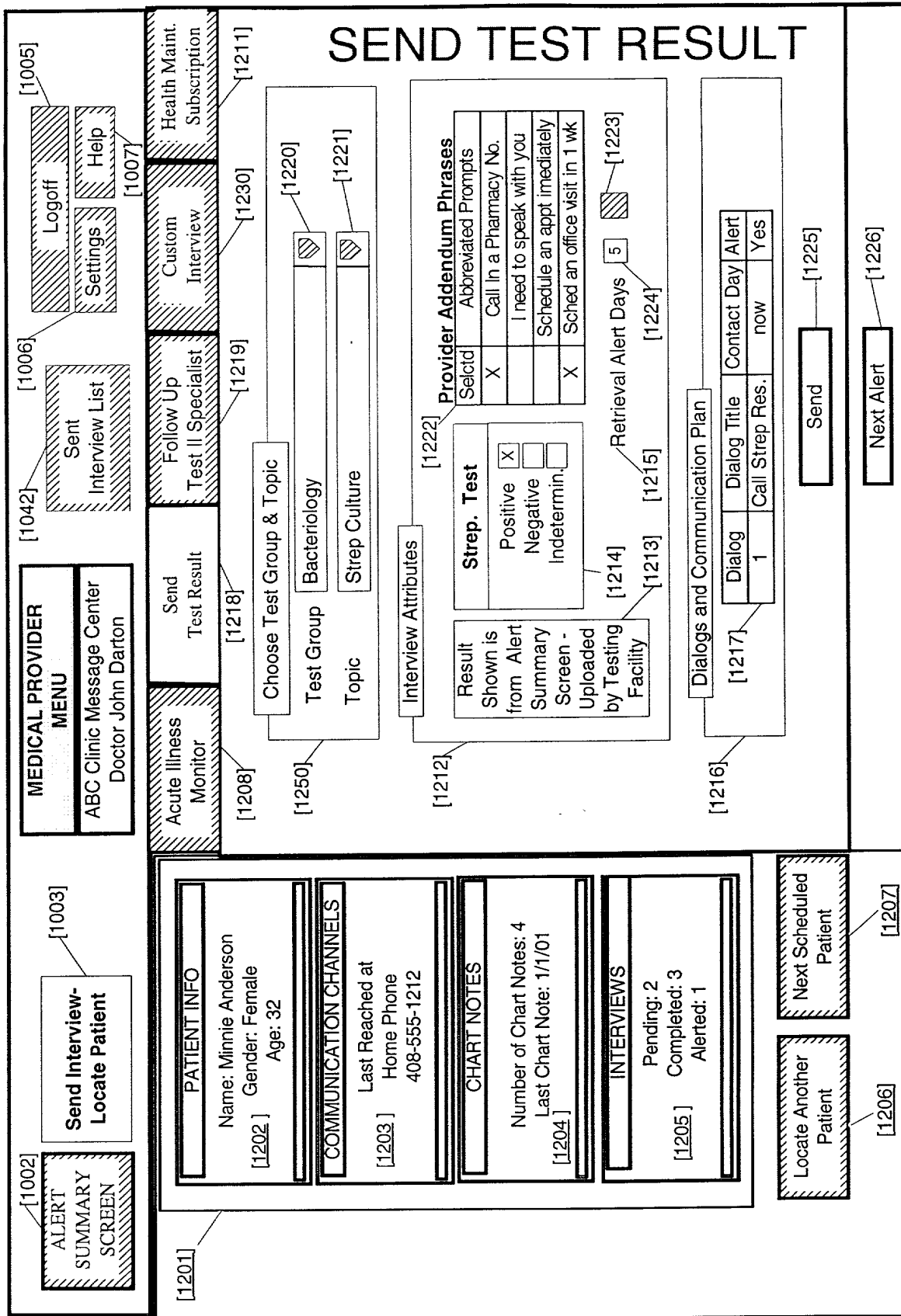


Figure 12 1200

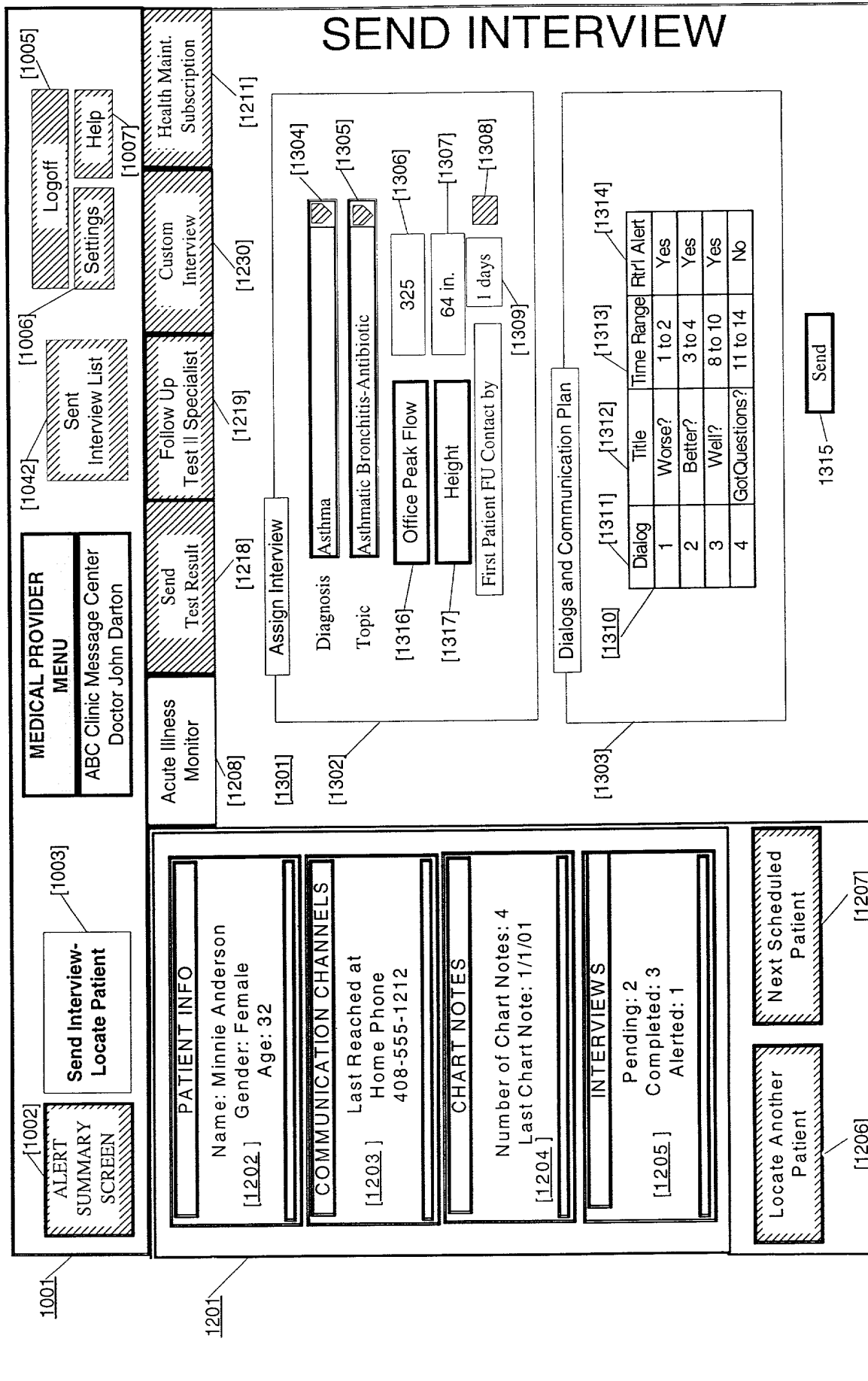
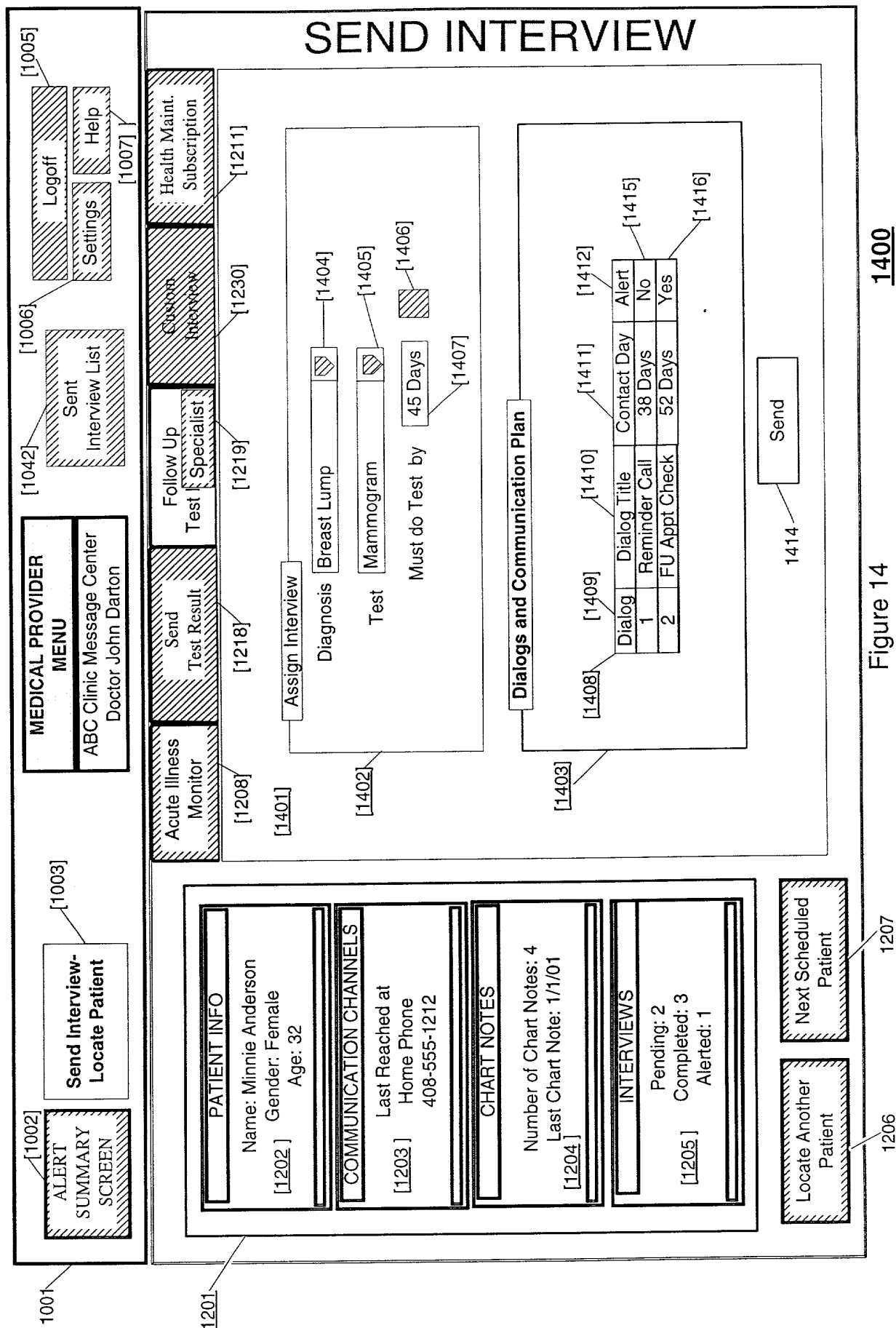


Figure 13



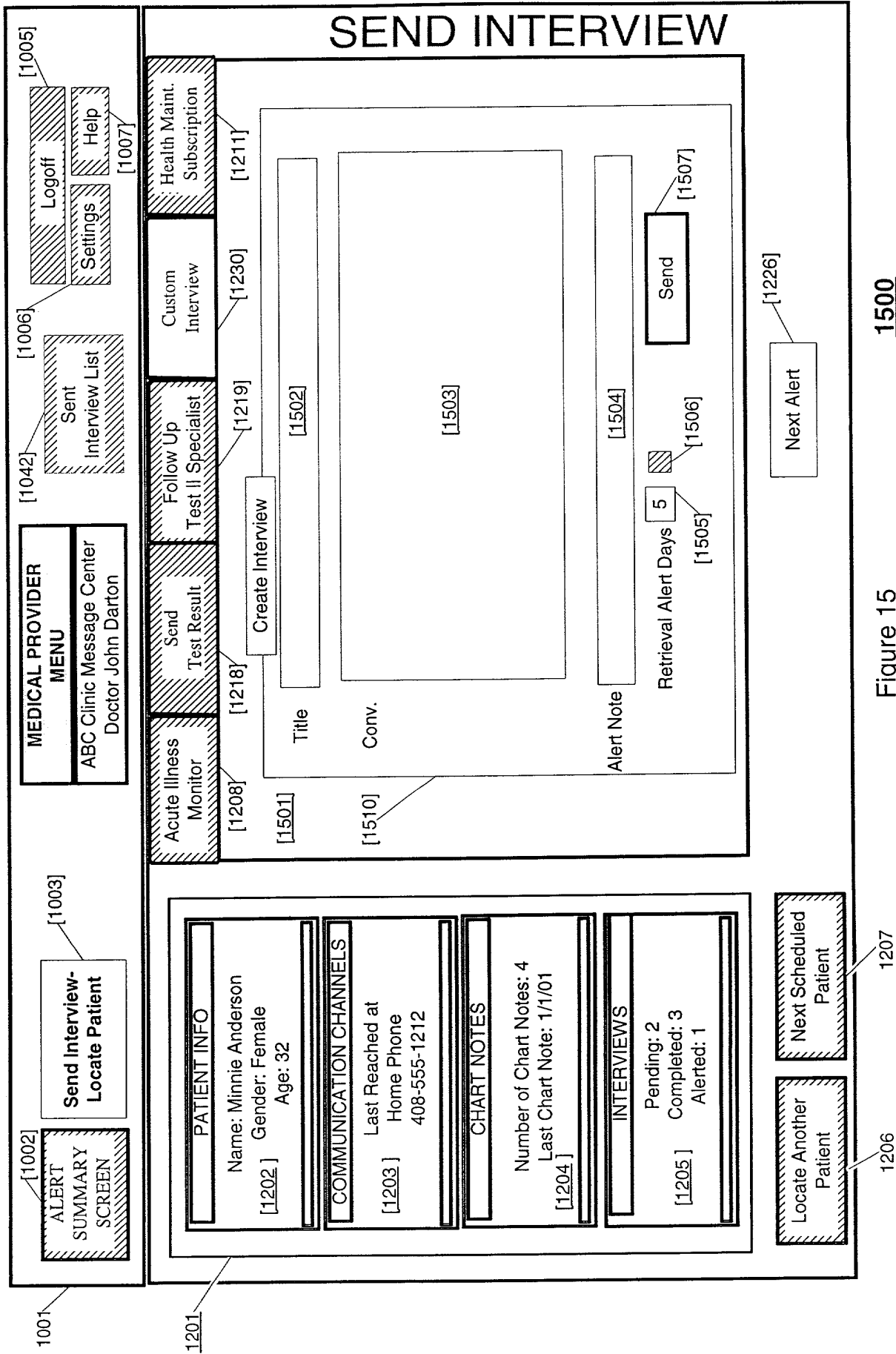
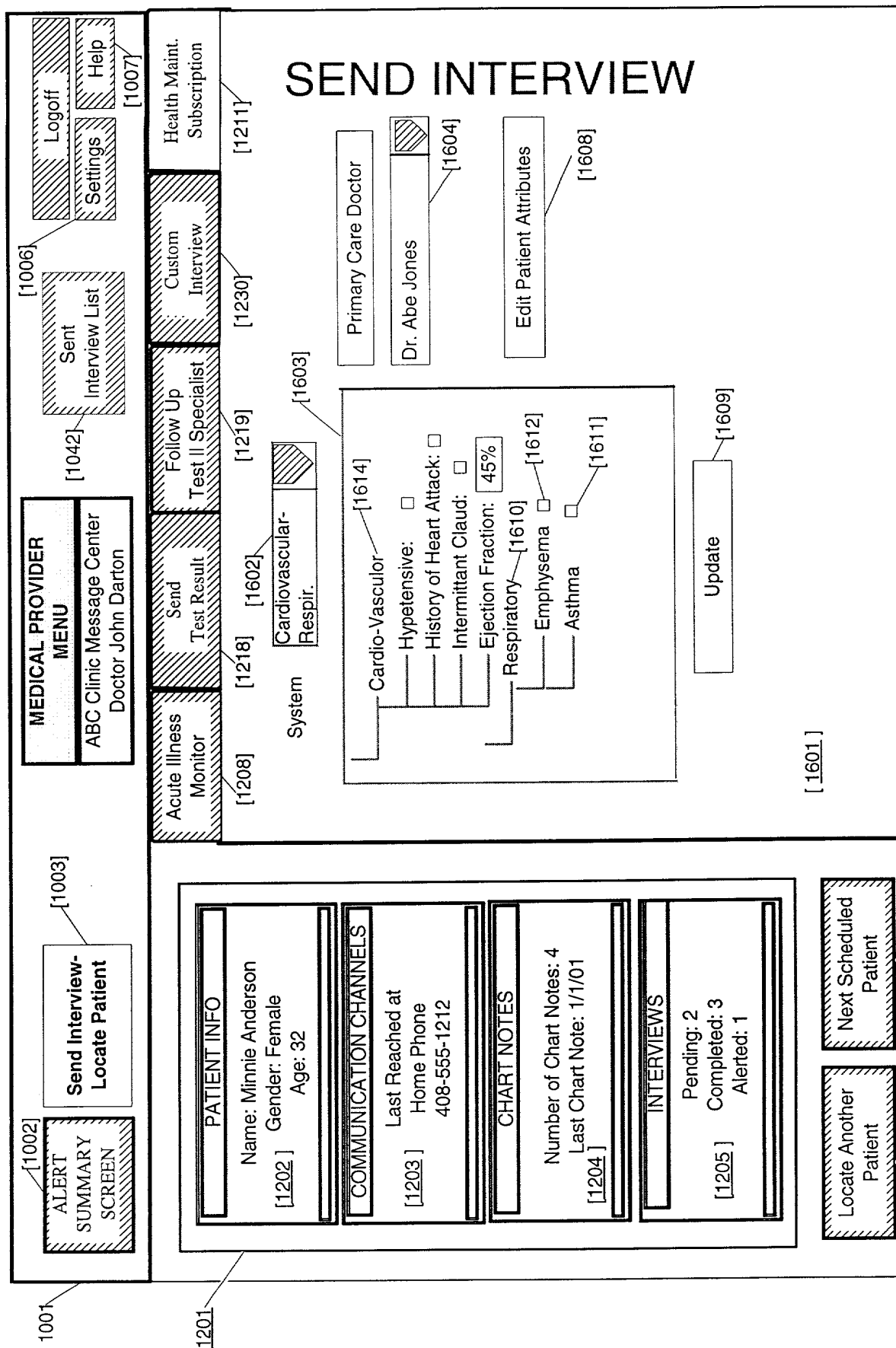


Figure 15

1500



1600

Figure 16

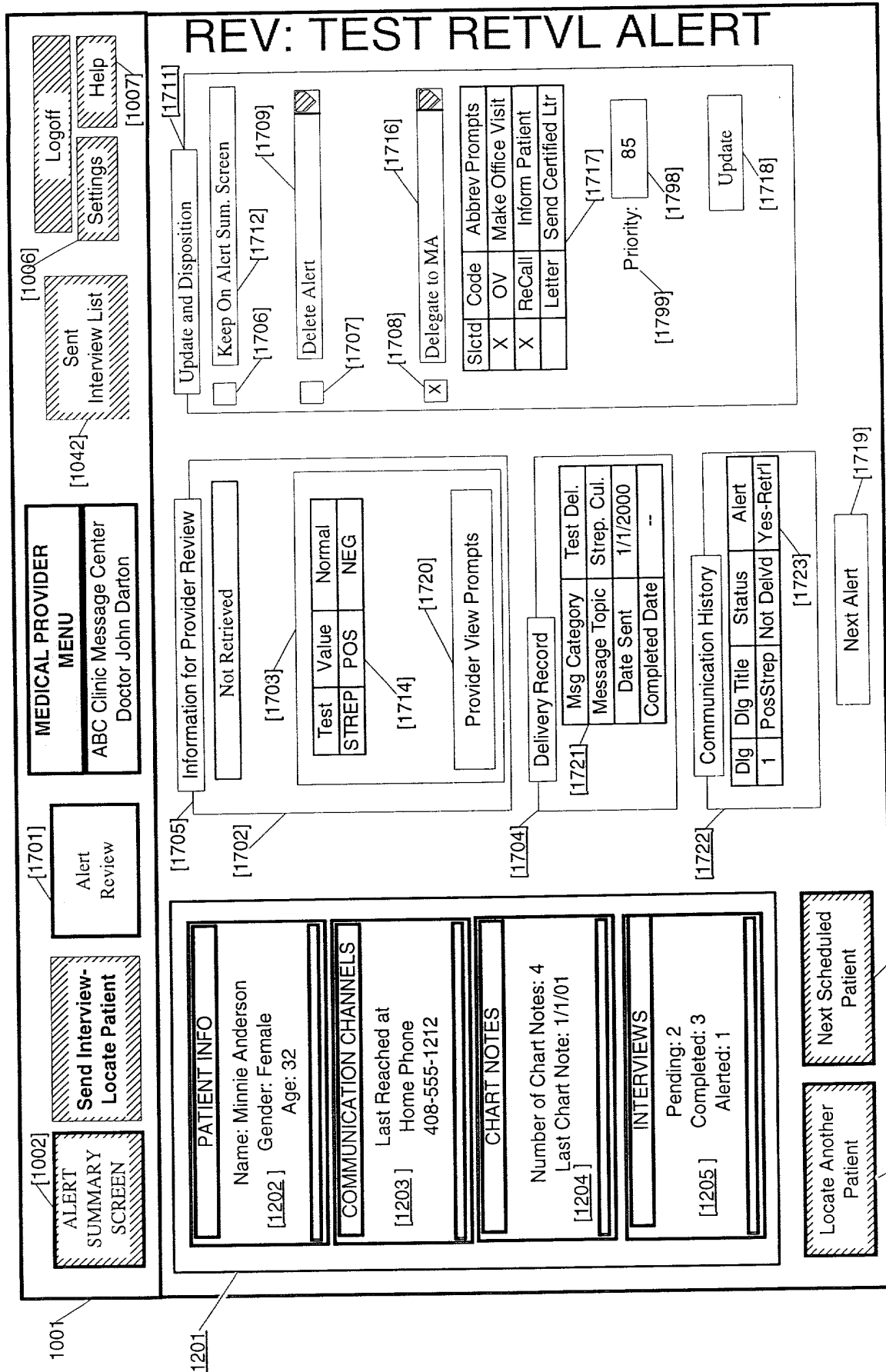
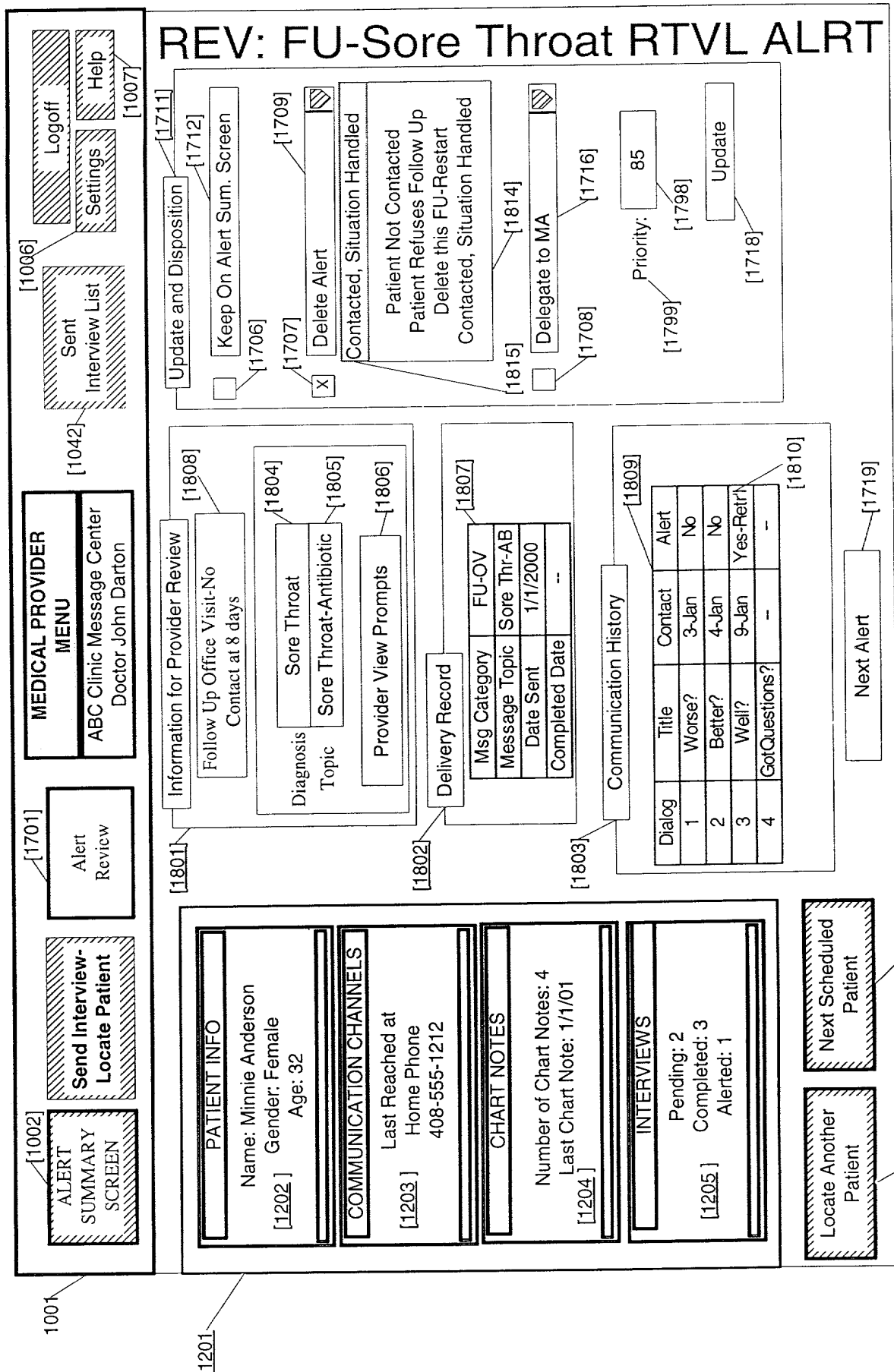
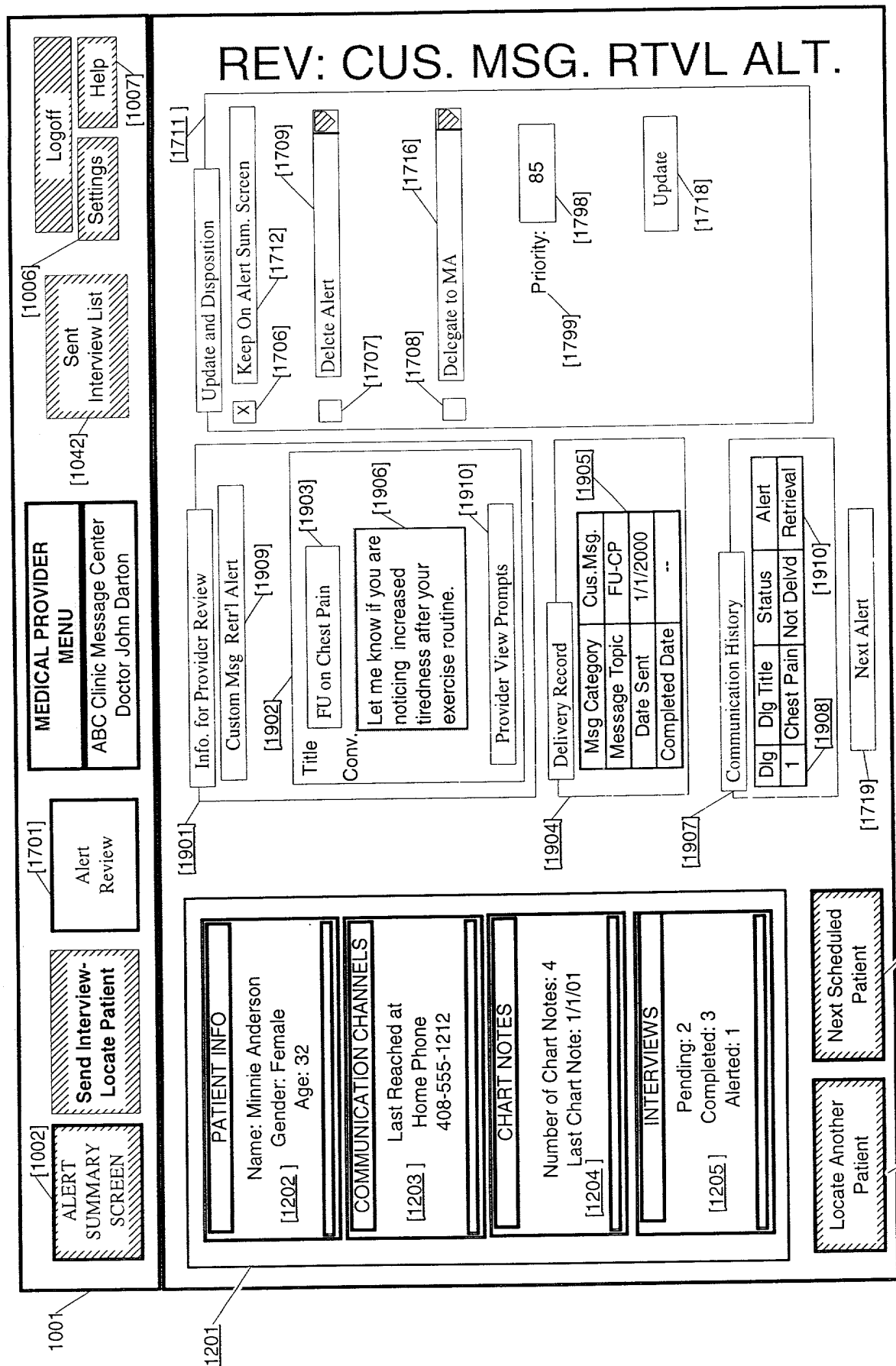


Figure 17



1800

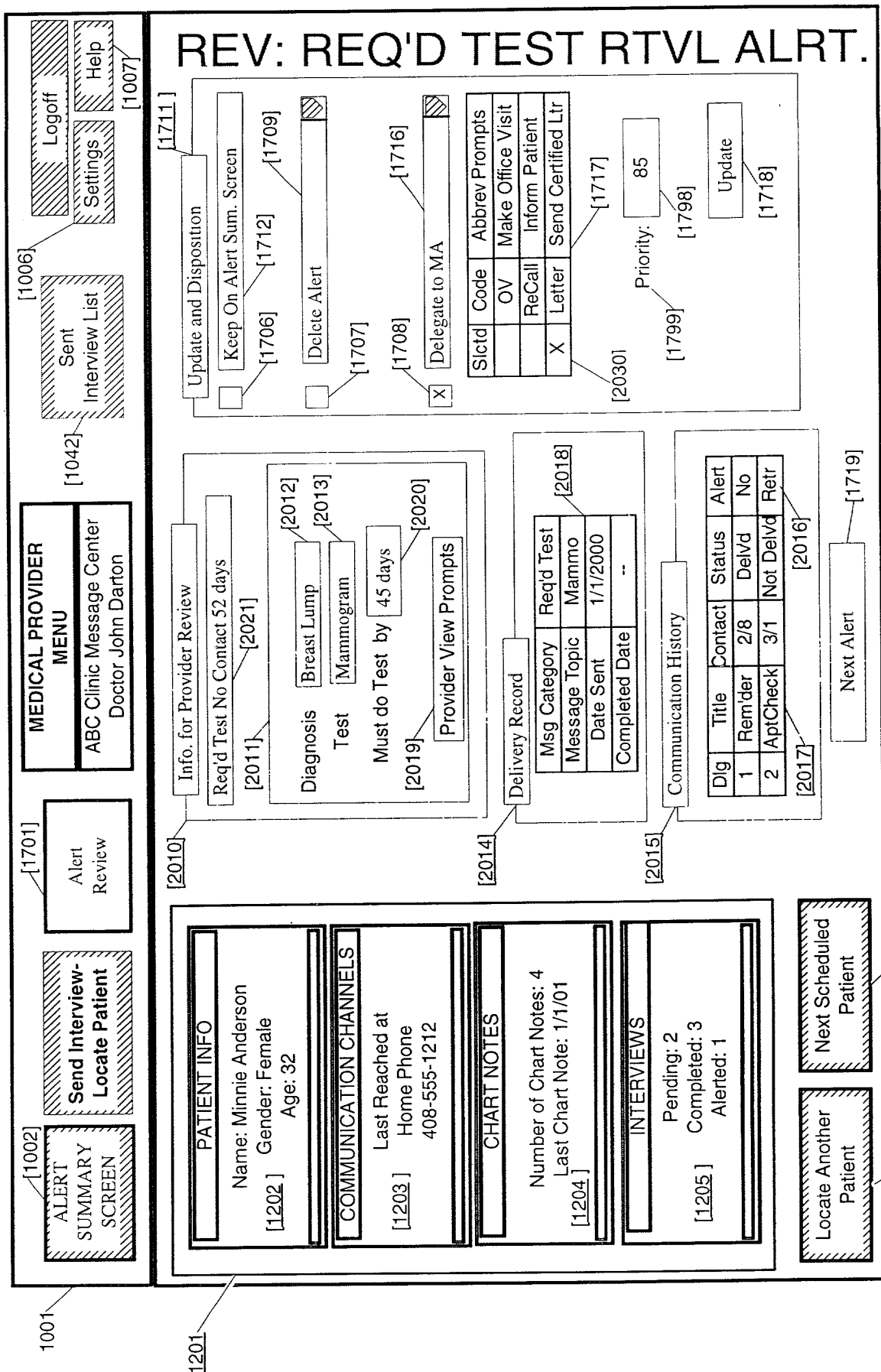
Figure 18



1900

Figure 19



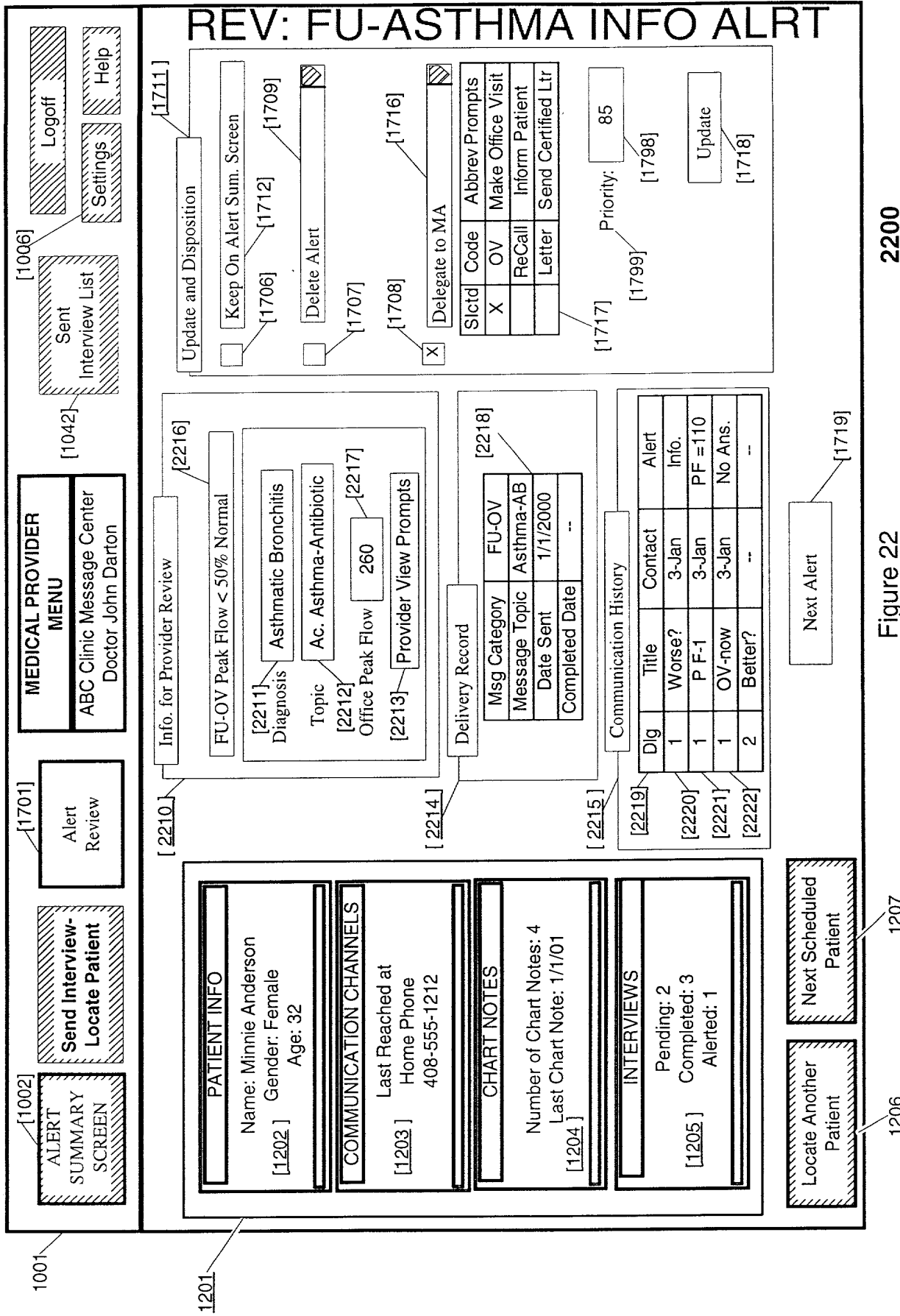


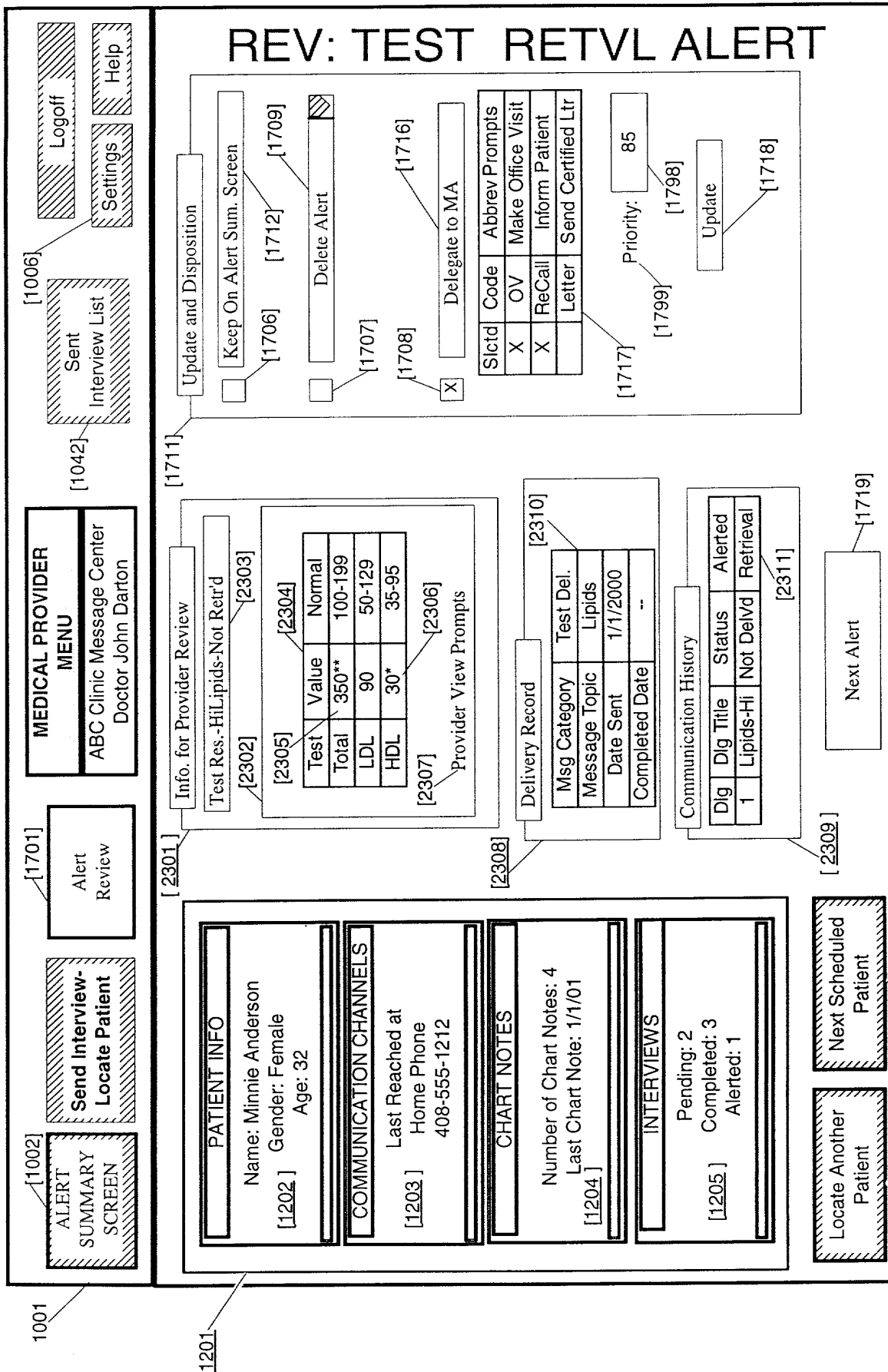
2000

Figure 20



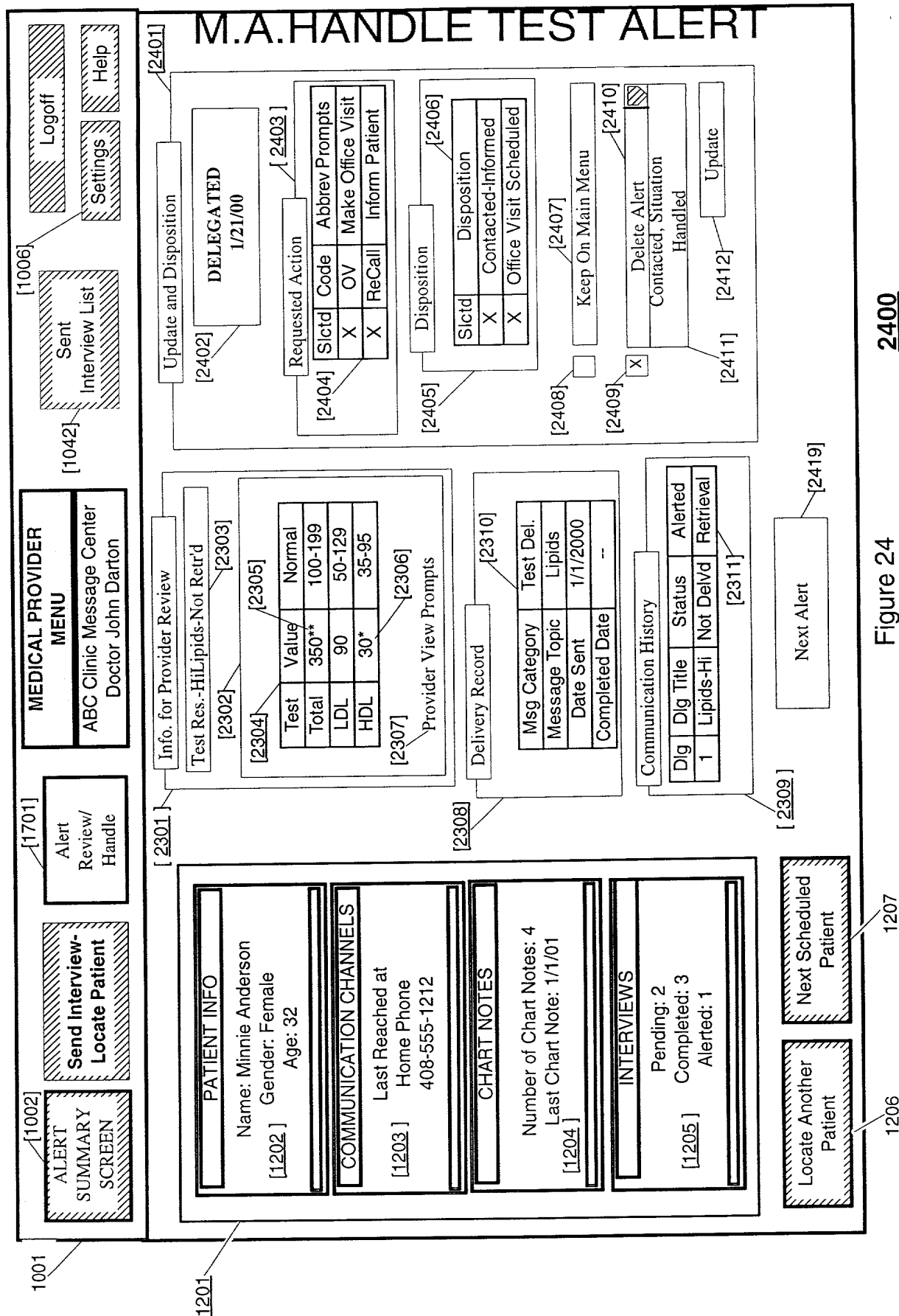
Figure 21





2300

Figure 23



2400

Figure 24

[1002]Alert  
Summary  
Screen

[1003]Send Interview  
Locate Patient

MEDICAL PROVIDER  
MENU  
ABC Clinic Message Center  
Doctor John Darton

[1042]Sent  
Interview List

[1005]Logoff

[1006]Settings

[1007]Help

Search Criteria

[2502]☐ Today ☐ Last  
Week ☐ Last Month ☐ All

[2520]☐ From  Date 1  To  Date 2

[2503]☐ Alerts Only

Name

Patient ID

[2504]Find

[2505]

[2506]

LOCATE SENT  
INTERVIEWS

Topic Category	Topic Type	Pat Name	Date Sent	Date Retr	Alert	Reviewed
Test Result	Strep	Jim Jackson	1/9/2001		No	No
Health Maint.	Allergy	Alice Hornet	1/9/2001		No	No

Figure 25 2500

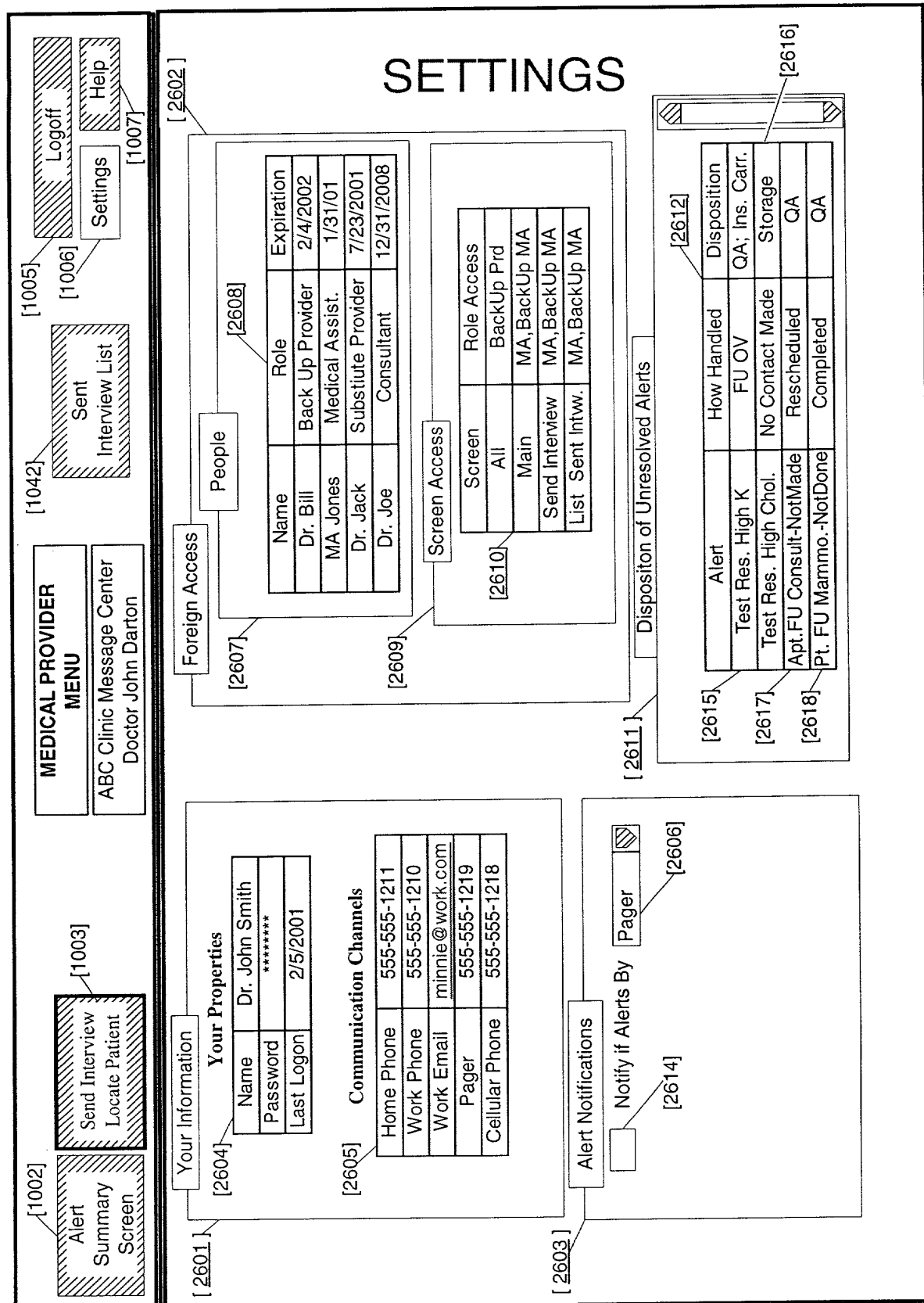
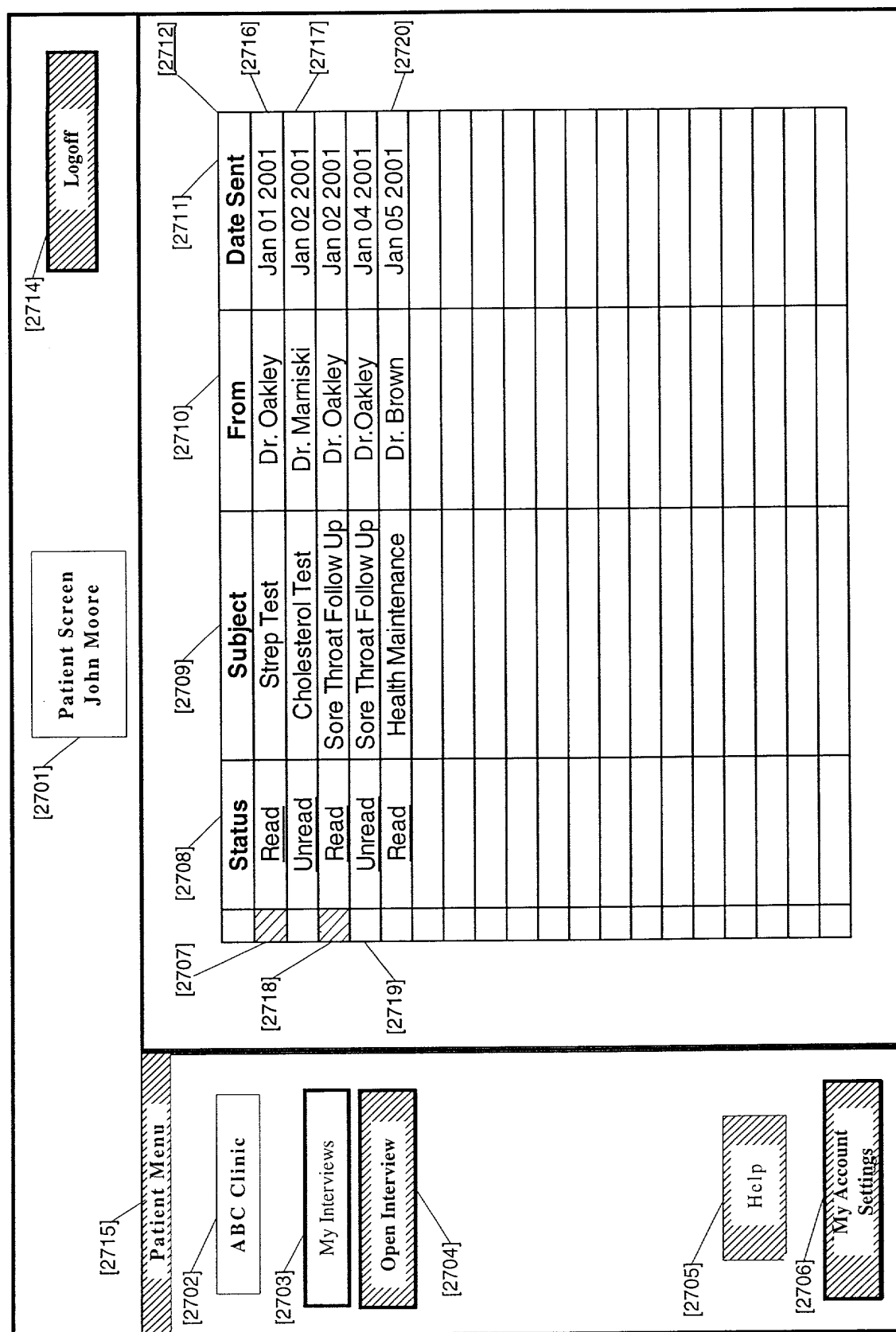


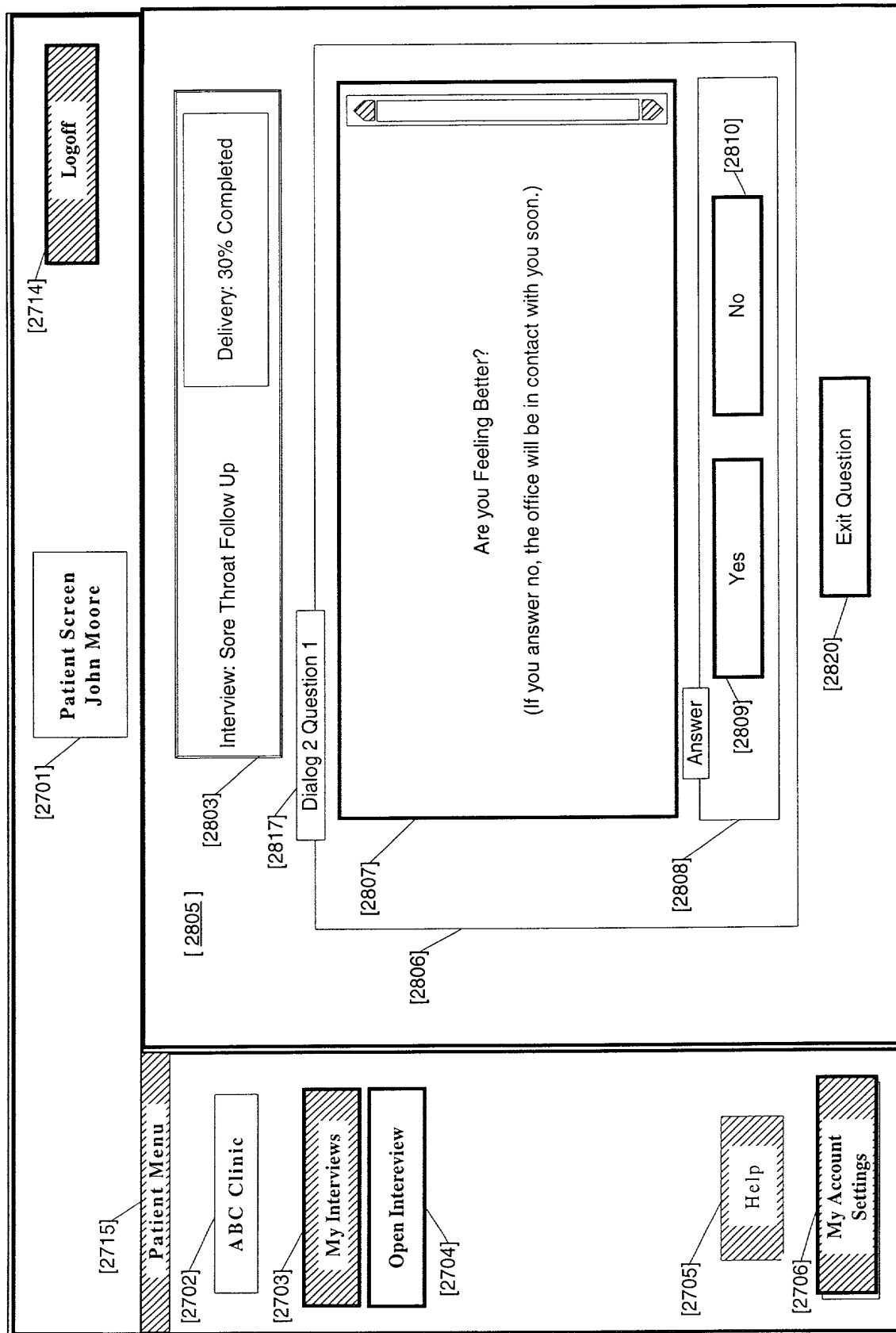
Figure 26

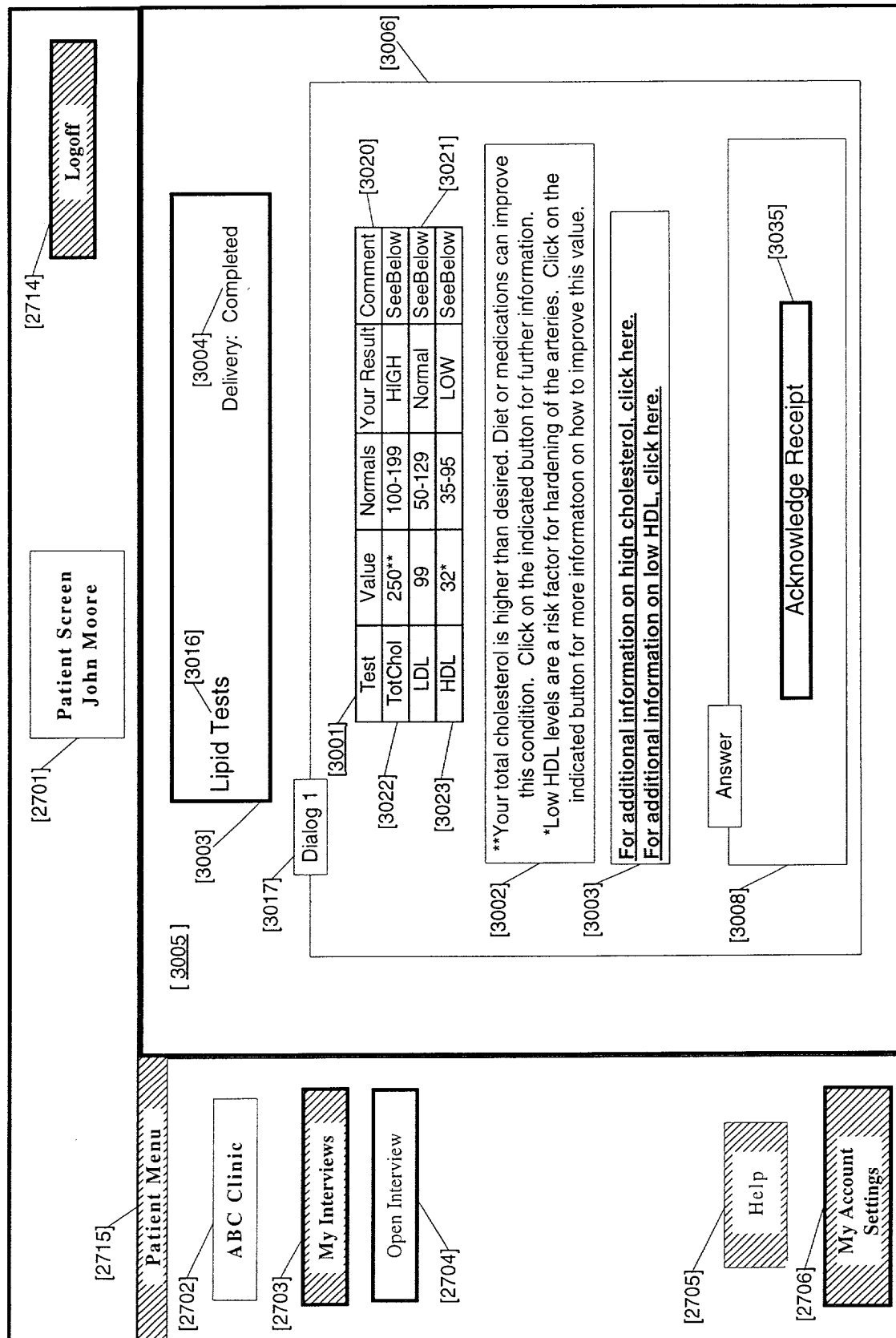


2700

Figure 27







[2715] Patient Menu

[2702] ABC Clinic

[2703] My Interviews

[2704] Open Interview

[2705] Help

[2706] My Account Settings

[2701] Patient Screen  
John Moore

[2714] Logoff

[2830] [2803] Lipid Tests Delivery: Completed

[2831] Dialog 1, Page 1

Your Test Results are:

Test	Value	Normals	Your Result
TotChol	259**	100-199	HIGH
LDL	140	50-129	Normal
HDL	45*	35-95	LOW

[2833] To further interpret the significance of these results for you we need the following further information:

Question:	Yes	No
[2834] Do you smoke?	X	
[2835] Do you have diabetes?		X
[2836] Do you have high blood pressure?	X	
[2837] If so, is it being treated?	X	

[2850]

Question:	Yes	No	Unknown
[2838] Have you had heart pains or a heart attack or stroke?		X	
[2839] Do you suffer from circulation problems in the legs?		X	
[2840] Has your father or a brother had coronary heart disease before age 55?	X		
[2841] Has your mother or a sister had coronary heart disease before age 65?			X

[2860]

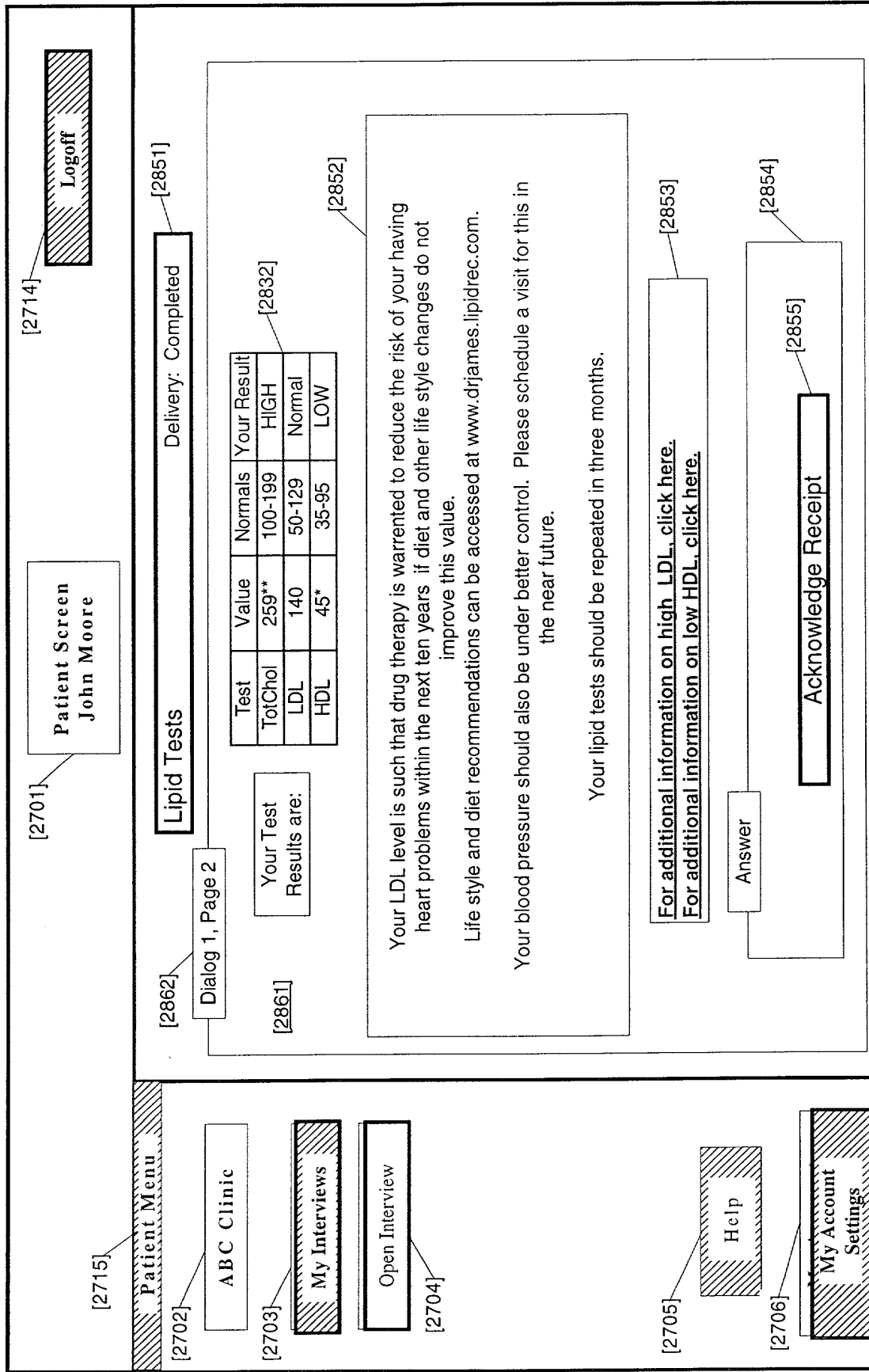
[2842] [2843] [2844]

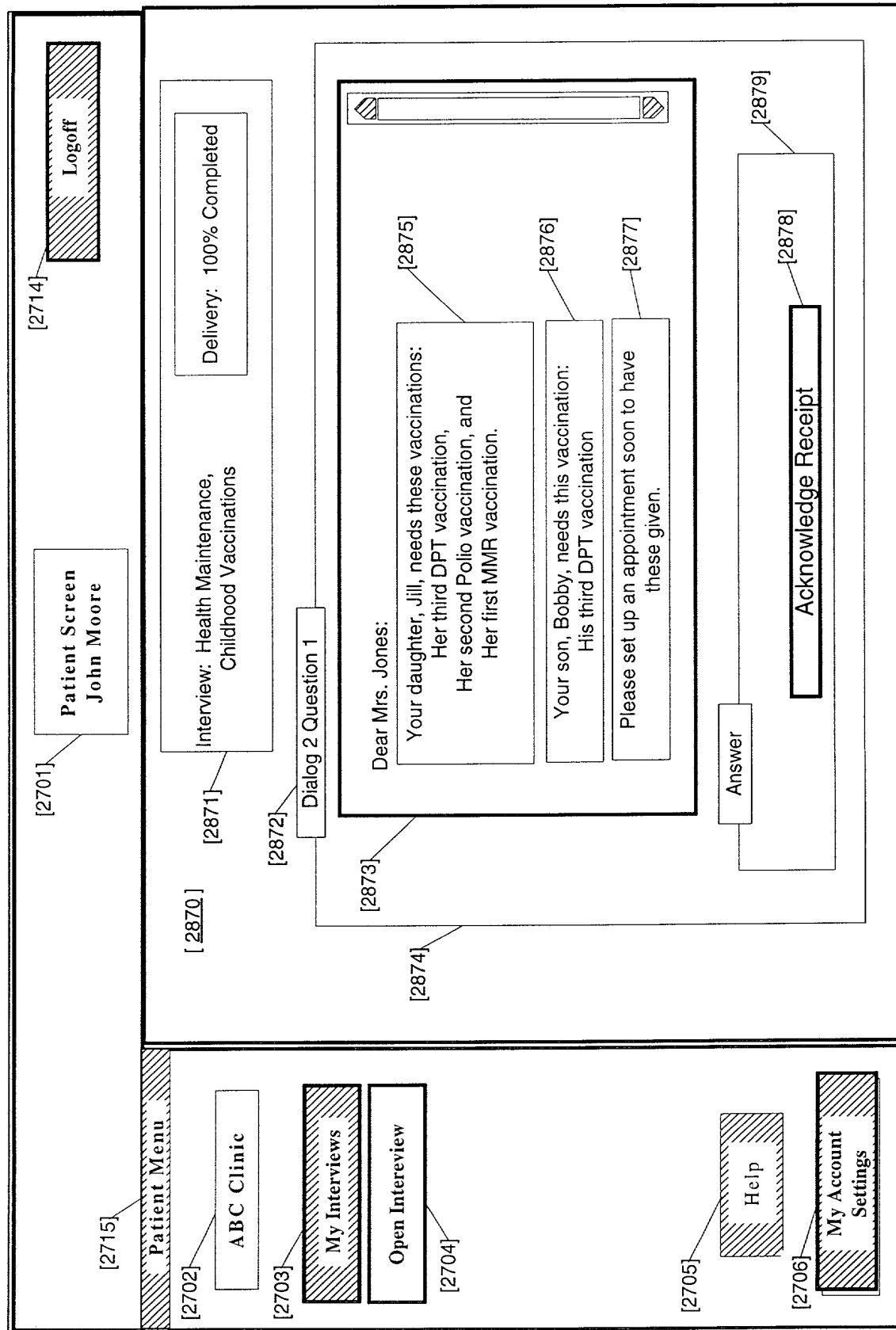
Is your systolic blood pressure, the upper reading, greater than 120 and less than 140

Yes ☒ No ☐

[2844] After Completing the Above Please Click Here to Access the Next Page

2890 Figure 28B







[2715]  
Patient Menu

[2702]  
ABC Clinic

[2703]  
My Interviews

[2704]  
Open Interview

[2705]  
Help

[2706]  
My Account Settings

[2701]  
Patient Screen  
John Moore

[2714]  
Logoff

[3102]  
Interview: Health Maintenance-Heart

[3103]  
Hello Mr. Moore: This is our monthly check on your health status. Please answer these questions.

[3104]  
1) Are you feeling as strong and vigorous as usual?

[3105]  
2) Have you had any increase fatigue or shortness of breath in doing your routine physical activities?

[3106]  
3) Has your weight increased more than three pounds in the last week?

[3107]  
4) Do you have any increased ankle swelling?

[3108]  
5) Please record number of heart beats and time period from your heart monitor.

[3109]  
Do You Wish To Be Contacted by Your Doctor?

[3110]  
Yes

[3111]  
No

[3112]  
YES

[3113]  
NO

[3114]  
BEATS

[3115]  
652

[3116]  
TIME

[3117]  
10 MIN

[3118]  
SUBMIT

[2715] Patient Menu

[2702] ABC Clinic

[2703] My Interviews

[2704] Open Interview

[2705] Help

[2706] My Account Settings

[2701] Patient Screen  
John Moore

[2714] Logoff

Your Information

[3202]

Name	Minnie Anderson
Age	32
Weight	150
Height	5'10"
Sex	Male
Med-1	Potassium
Med-2	Hydrochlorothiazide
Allergy	Penicillin

[3203]

Medical Conditions	
Diabetes	Yes
Onset of Diabetes	1999
Hypertension	No

[3220]

Hospitalization/Operation	Date
Pregnancy	1995
Cholecystectomy	1998

Channels

[3205]

*Order*	Channel	Active	Address	Avail Mon-Fri	Avail Weekends
1	WorkPhone	Yes	555-1212	9 to 17	9 to 17
2	Web	No	manders@home.org	24	9 to 17
4	Cell Phone	Yes	555-1214	7to 21	9 to 17
3	Pager	Yes	555-1215	24	9 to 17
5	USMail	Yes	123 Bay St., Cook City, Calif. 92351	--	--

[3206]

[3207]

[3208]

[3209]

[3210]

[3211]

[3204]



[3301]

Patient Administrator  
John Joene

Logoff

Admin. Menu

ABC MEDICAL  
CLINIC APP.

Locate/Add

Edit Patient

Help

My Account  
Settings

LOCATE - ADD - DELETE

Name

ID

Role

Person

Group

Find

Add New

Delete

NAMES
Bill Lee
Frank Leaner
Mary Kidd
Fran Jones
Gary Jackline
Fudor Ranklin
Harry James

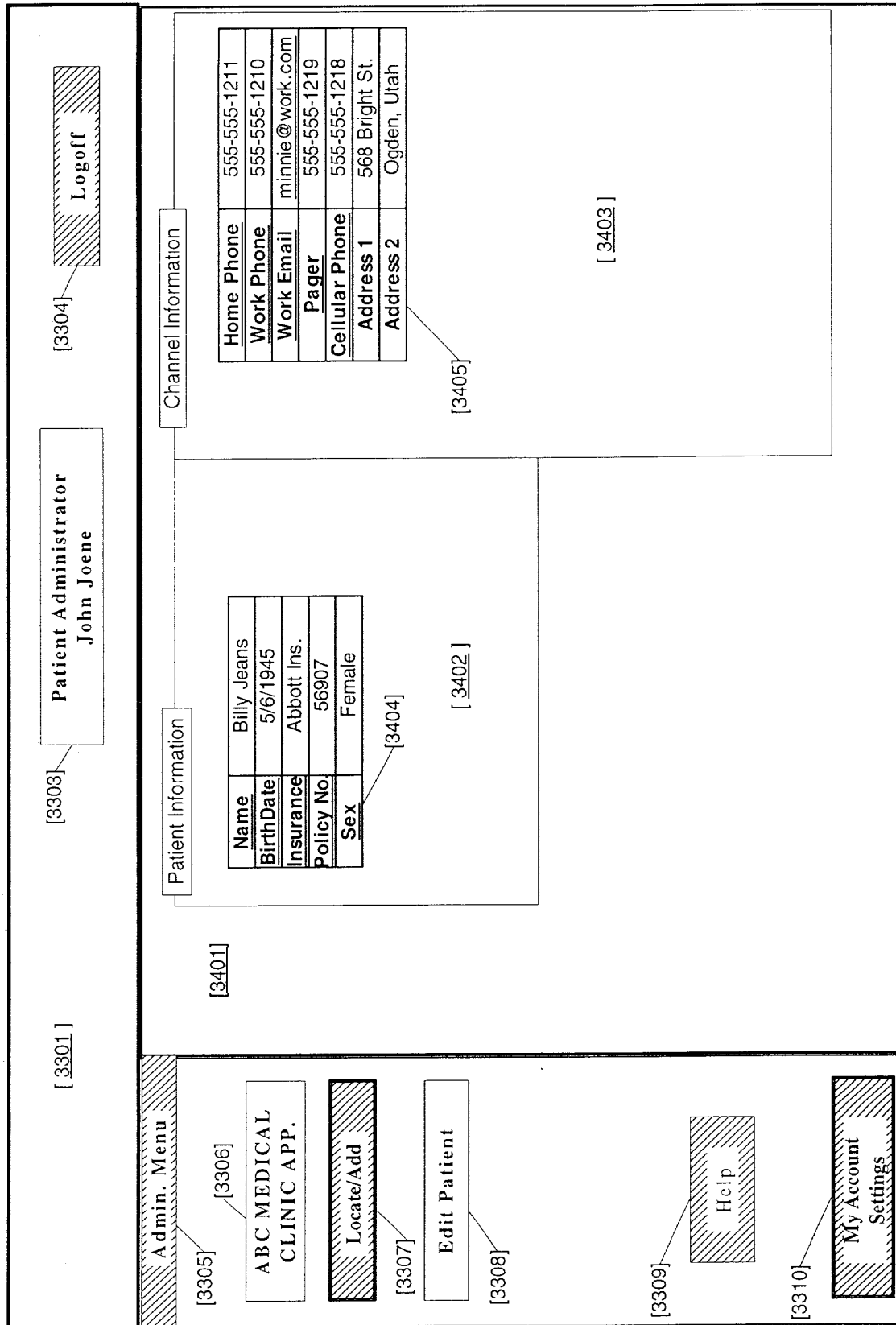
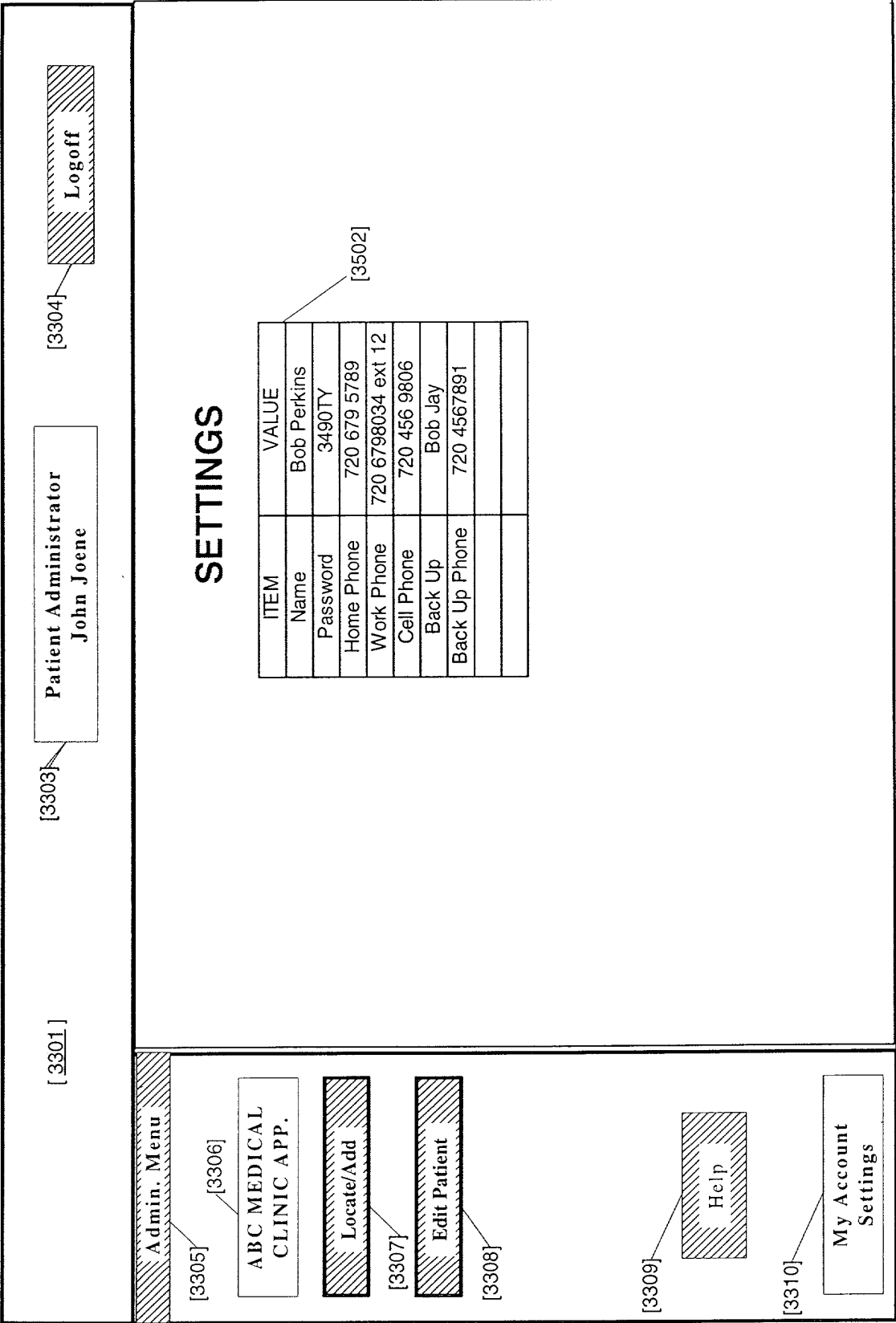


Figure 34



3500

Figure 35

3601

Chart Note

3 of 8

[3602]

[3603]

[3605]

Date: 4 Dec. 2000      Provider: Dr. Lee Jones  
Patient : Sylvia Patch  
Recurrent UTI --Rx furadantin  
Culture C & S taken  
Allergy to PCN

Dr. Lee Jones

[3604]

Add      Delete      Close

[3606]      [3607]      [3608]

3600

Figure 36

3700

Figure 37

3801

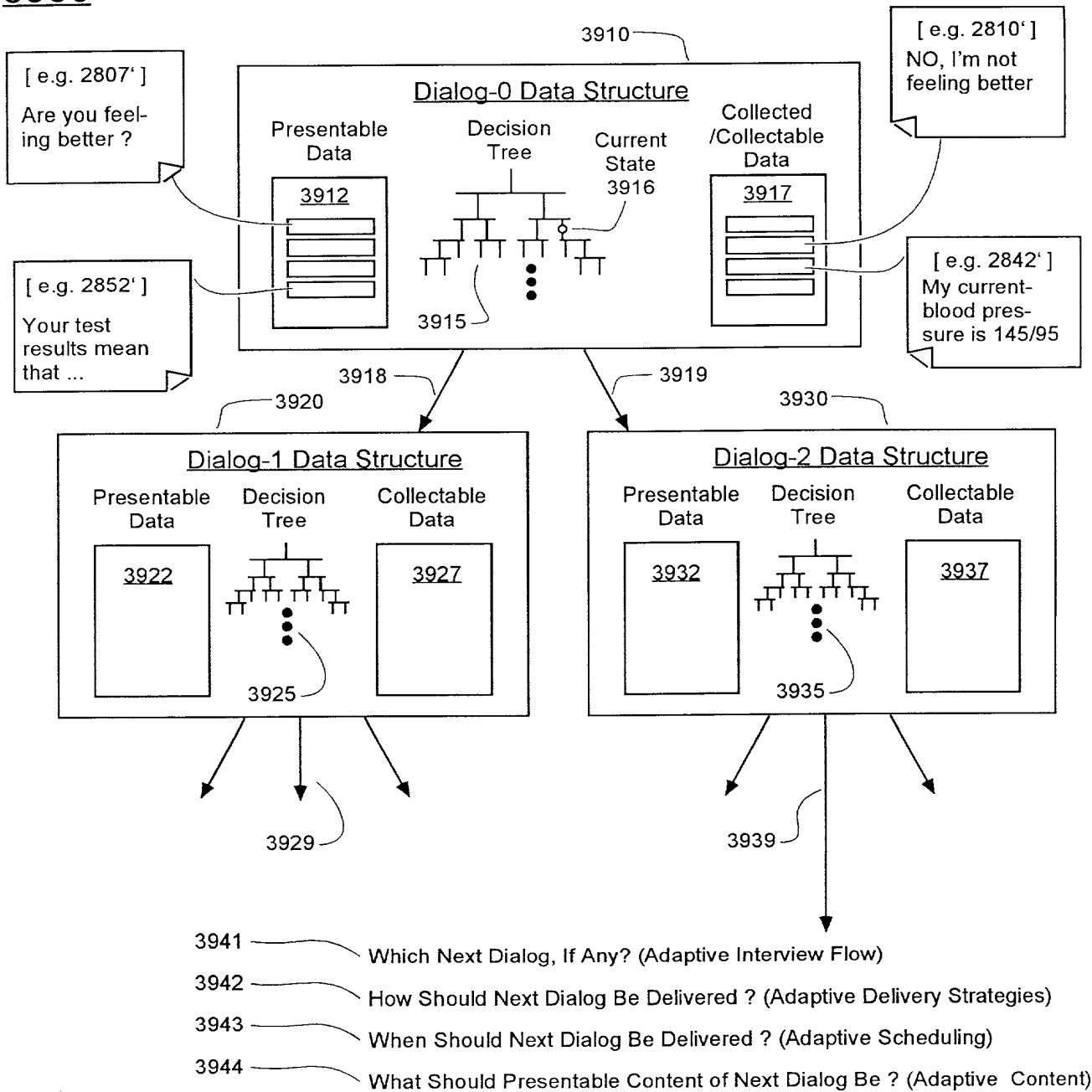
Communication Channels						
[3802]	[3803]	[3804]	[3805]	[3806]	[3807]	
*Order*	Channel	Active	Address	Avail Mon-Fri	Avail Weekends	
1	WorkPhone	Yes	555-1212	9 to 17	9 to 17	
2	Web	No	manders@home.org	24	9 to 17	
4	Cell Phone	Yes	555-1214	7 to 21	9 to 17	
3	Pager	Yes	555-1215	24	9 to 17	
5	USMail	Yes	123 Bay St., Cook City, Calif. 92351	--	--	
[3808]						

3800

Figure 38

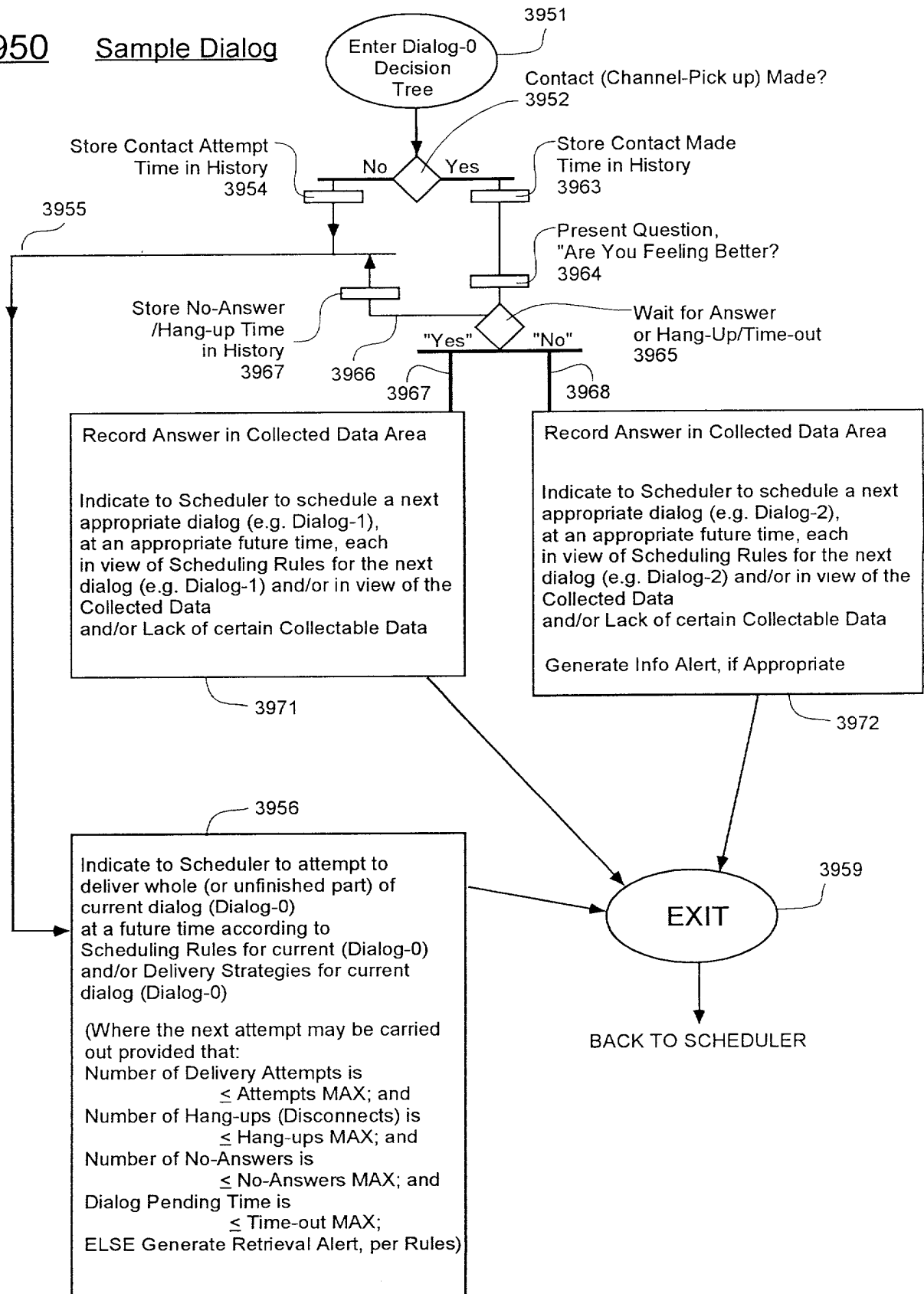
# Fig. 39A

## 3900 Interview Data Structure



# Fig. 39B

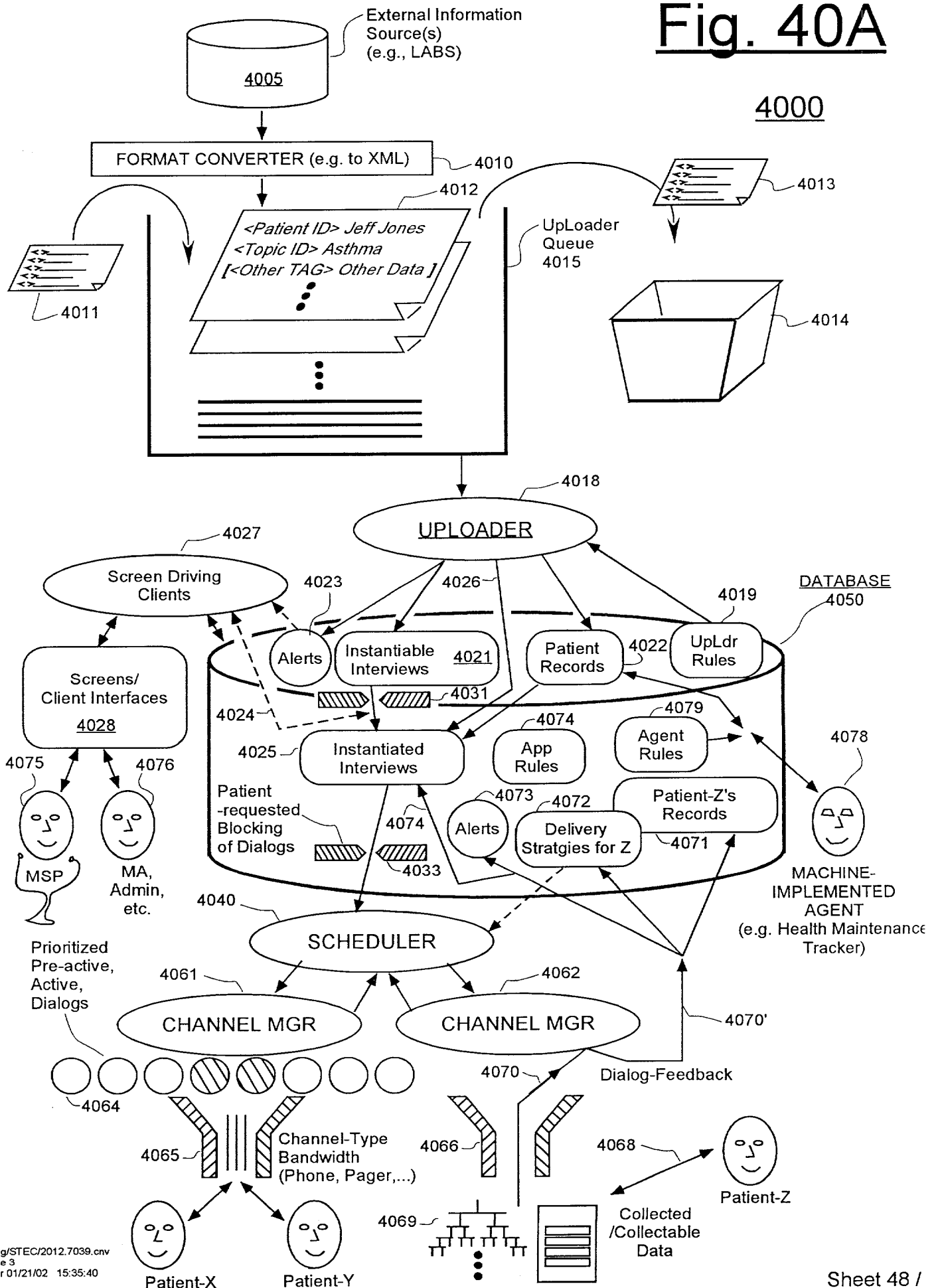
## 3950 Sample Dialog





# Fig. 40A

4000



# Fig. 40B

## SCALABLE SYSTEM 4000B

